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City of Pietermaritzburg

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the Twelve Months
1st July, 1949, to 30th June, 1950.

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CITY OF PIETERMARITZBURG.

PUBLIC HEALTH DEPARTMENT.

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REPORT OF THE MEDICAL OFFICER OF HEALTH ON THE PUBLIC HEALTH AND SANITARY CIRCUMSTANCES OF THE CITY OF PIETERMARITZBURG FOR THE YEAR ENDED JUNE 30TH, 1950.

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BY

M. MAISTER, B.A., M.B., Ch.B., D.P.H.

MEDICAL OFFICER OF HEALTH.

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Ann Rep
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P62
1949-50

INTRODUCTORY.

CITY OF PIETERMARITZBURG.

PUBLIC HEALTH DEPARTMENT.

To
His Worship the Mayor,
and Members of the Council of the City
of Pietermaritzburg.

Ladies and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City of Pietermaritzburg, for the year ending 30th June, 1950.

The general Death Rate showed an improvement this year. Infectious Disease was slightly less prevalent than last year but an outbreak of Smallpox once again showed the need for proper hospital accommodation for Formidable Epidemic Diseases in this City.

The usefulness of the Miniature Mass X. Ray Unit in uncovering unsuspected early and late cases of Pulmonary Tuberculosis, as well as other chest disease, was again demonstrated when, in co-operation with the Union Health Department's Division of Tuberculosis and the Pietermaritzburg Branch of the Natal Anti-Tuberculosis Association, a Miniature X. Ray Unit of the Union Health Department operated in Pietermaritzburg for several weeks.

Private house building in Pietermaritzburg was at quite a satisfactory high level and considerable progress was made with the European and Asiatic Subeconomic Housing Schemes. The total building, however, was quite inadequate for Pietermaritzburg's European and Non-European needs.

I wish to express my thanks to all members of the Staff for the high level of efficiency maintained in the Department throughout the year.

In conclusion I wish to record my appreciation of the support readily given to me at all times by the Mayor and the Chairman and members of the Public Health Committee, and of the cordial co-operation of the various Municipal Heads of Departments.

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

M. Maister

MEDICAL OFFICER OF HEALTH.

I N D E X

Index. Report "A". Cont'd

CLIMATE AND RATEABLE VALUE

Latitude - 29 degrees, 36 minutes, 4 seconds south.
Longitude - 30 degrees, 22 minutes, 46 seconds east.
Altitude - At Market Square : 2,160 feet

TEMPERATURE AND RAINFALL :

	RAINFALL IN INCHES	ATMOSPHERIC TEMPERATURE Av. Daily Maximum °	Av. Daily Minimum °	Av. Daily Mean	RELATIVE HUMIDITY Aver. Daily Percentage
1949					
July	0.20	73.7	36.4	55.0	77.4%
August	0.69	73.9	44.2	59.0	75.1%
September	1.75	78.5	52.4	65.4	70.3%
October	2.98	78.0	58.9	68.4	73.8%
November	4.85	77.6	60.7	69.1	74.7%
December	5.02	83.2	62.8	73.0	76.4%
1950					
January	3.46	80.6	62.8	71.7	71.4%
February	3.22	85.2	63.8	74.5	78.0%
March	4.54	86.3	64.7	75.5	83.2%
April	2.63	79.7	51.4	65.5	83.5%
May	1.38	77.7	45.3	61.5	82.2%
June	0.03	76.7	39.9	58.3	82.6%
Total :	30.75				

AREA OF MUNICIPALITY : 31,080.11623 acres

Value of Rateable Property : £17,583,425. 0. 0d.

Exempted Property : £6,344,930 0. 0d.

RATES : General - 3¼d. per £

Water - ½d. per £

CITY OF PIETERMARITZBURG.

LEADING VITAL STATISTICS.

YEAR ENDING 30th June, 1950.

(Average Rate for period 1940 - 1949 in brackets for comparison)

	European	Native	Coloured	Asiatic
* POPULATION (Estimated)	27,930	17,660	3,084	11,438
BIRTHS REGISTERED. BIRTH RATE (per 1,000 Populn.)	669 24.0 (24.1)	263 14.9 (22.8)	109 35.3 (55.8)	669 58.5 (52.6)
ILLEGITIMATE BIRTHS (Percentage of total births)	3 0.4% (1.6%)	125 47.5%(52.1%)	19 17.4% (24%)	7 1% (1.6%)
DEATHS CRUDE DEATH RATE (Corrected for outward transfer)	263 9.4 (10.2)	227 12.9 (14.3)	43 13.8 (18.8)	125 10.9 (13.3)
INFANTILE MORTALITY (Up to 1 yr.) DEATHS. RATE (Per 1,00 Births).	16 23.9 (27.6)	72 273.8 (188.5)	12 110.1 (88.8)	37 55.3 (68.2)
DEATHS in children from 1 - 4 yrs. (inc.) RATE (per 1,000 Population).	4 0.14 (0.24)	34 1.93 (2.3)	3 0.97 (1.96)	17 1.49 (1.4)
PULMONARY TUBERCULOSIS. Code No. 015. DEATHS. RATE (Per 1,000 Population).	3 0.11 (0.26)	27 1.53 (1.7)	3 0.97 (1.95)	10 0.87 (1.3)
TUBERCULOSIS - OTHER FORMS. Code Nos. 016 - 025. DEATHS. RATE (per 1,000 Population).	1 0.04 (0.04)	3 0.17 (0.4)	1 0.32 (0.35)	2 0.17 (0.3)
ENTERIC FEVER. Code No. 001. DEATHS. RATE (Per 1,000 Population)	0 0 (0.03)	2 0.11 (0.3)	0 0 (0.2)	0 0 (0.2)
CANCER AND OTHER TUMORS. Code Nos. 100 - 136. DEATHS. RATE (per 1,000 Population)	34 1.2 (1.4)	7 0.40 (0.2)	2 0.65 (0.4)	4 0.35 (0.4)
DISEASES OF THE HEART AND CIRCULATORY SYSTEM. Code Nos. 350 - 368. DEATHS. RATE (per 1,000 Population).	109 3.9 (3.4)	20 1.13 (1.4)	12 3.89 (3.1)	15 1.31 (2.0)
BRONCHITIS AND PNEUMONIA Code Nos. 402 - 406. DEATHS. RATE (per 1,000 Population).	12 0.43 (0.64)	44 2.49 (2.4)	5 1.62 (2.1)	21 1.84 (1.6)

* (Temporary visitors and the Inmates of Gaols and Hospitals are not included.)

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

(1) VITAL STATISTICS :

POPULATION :

This is an estimate of the population as at June 30th, 1950, calculated for Vital Statistical purposes. Temporary Visitors, the inmates of the Mental Hospital and Fort Napier Institution, the prisoners in the Gaols and the patients in the Hospitals and the Sanatorium are excluded. This estimate is based on the Municipal Census of March 10th, 1946.

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Male	13,480	12,030	1,507	6,224	19,761	33,241
Female	14.450	5,630	1,577	5,214	12,421	26,871
PERSONS	27,930	17,660	3,084	11,438	32,182	60,112

TOTAL BIRTHS REGISTERED.

1) RESIDENTS.

	Male		Female		Persons			Percentage of illeg. to all births	Birth Rate per 1,000 Popln.
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total		
European	338	1	328	2	666	3	669	0.4%	24.0
Native	81	58	57	67	138	125	263	47.5%	14.9
Coloured	33	5	57	14	90	19	109	17.4%	35.3
Asiatic	354	2	308	5	662	7	669	1.0%	58.5
All Non-Eur.	468	65	422	86	890	151	1041	14.5%	32.3
All Races	806	66	750	88	1556	154	1710	9%	28.4

(2) NON-RESIDENTS

	Male		Female		Persons			Percentage of illeg. to all births.
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total	
European	126	-	106	-	232	-	232	-
Native	802	566	708	493	1510	1059	2569	41.2%
Coloured	17	9	10	6	27	15	42	35.7%
Asiatic	17	6	22	1	39	7	46	15.2%
All Non-Eur.	836	581	740	500	1576	1081	2657	40.7%
All Races	962	581	846	500	1808	1081	2889	37.5%

All Birth Rates showed a small decrease for the second year in succession.

The European Birth Rate decreased from 25.9 to 24, the Native Birth Rate from 16.7 to 14.9, the Coloured Birth Rate from 39.9 to 35.3 and the Indian Birth Rate from 60.1 to 58.5.

D E A T H S.

TOTAL DEATHS REGISTERED.

(1) RESIDENTS.

	Male		Female		Persons	
	Deaths	Rate per 1,000 Male Population	Deaths	Rate per 1,000 Female Population	Deaths	Death Rate (per 1,000 Popul.)
European	155	11.5	108	7.5	263	9.4
Native	141	11.7	86	15.3	227	12.9
Coloured	30	19.1	13	8.2	43	13.8
Asiatic	71	11.4	54	10.4	125	10.9
ALL NON-EUR	242	12.2	153	12.3	395	12.27
ALL RACES	397	11.9	261	9.7	658	10.95

(2) NON-RESIDENT.

European	:	101
Native	:	851
Coloured	:	24
Asiatic	:	40
All Non-Eur.	:	915
All Races	:	1016

DEATHS. (Pages 5 - 7)

The European crude death rate fell slightly from 10.09 to 9.4. 54% of the deaths occurred in persons over 65 years of age.

The Native death rate dropped from 14.3 to 12.9. The Coloured death rate rose from 11.0 to 13.8, and the Indian death rate dropped from 13.2 to 10.9. The death rate for all races was 10.9 as compared with 12.0 for last year.

The following figures indicate the percentage of deaths occurring below the age of 45 in the various races:-

European	:	19%	(20% last year)
Native	:	77%	(68% last year)
Coloured	:	54%	(59% last year)
Asiatic	:	74%	(54% last year)
All Non-European	:	73%	(60% last year)

These figures once again show how much better the expectation of life is for Europeans than for the other classes of the community. The table on page 7 also indicates that Cardiac and Circulatory disease far outweighs all other causes of death among Europeans. Among Non-Europeans, respiratory diseases, tuberculosis, heart disease and bowel infections, are still the commonest causes of death. Bronchitis and pneumonia as a cause of death showed a big increase in Non-Europeans this year.

DEATHS AND DEATH RATES (PER 1,000 POPULATION: VARIOUS CAUSES.
ABRIDGED LIST. (5th Decennial Revision of International List.)

RESIDENTS ONLY.

	European		Native		Coloured		Asiatic		All Non-Europeans		All Races	
1. Typhoid Fever	-	-	2	0.11	-	-	-	-	2	0.06	2	0.03
2. Plague	-	-	-	-	-	-	-	-	-	-	-	-
3. Meningococcal C.S. Meningitis	-	-	-	-	-	-	1	0.09	1	0.03	1	0.02
4. Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-
6. Diphtheria	4	0.15	6	0.34	1	0.32	-	-	7	0.22	11	0.18
7. Pulmonary T.B.	3	0.11	27	1.53	3	0.97	10	0.87	40	1.24	43	0.72
8. T.B. Non-Pulmonary	1	0.04	3	0.17	1	0.32	2	0.17	6	0.19	7	0.12
9. Leprosy	-	-	-	-	-	-	-	-	-	-	-	-
10. Malaria	-	-	-	-	-	-	-	-	-	-	-	-
11. Syphilis(all forms)	2	0.07	14	0.79	-	-	2	0.17	16	0.50	18	0.30
12. Influenza	-	-	-	-	-	-	-	-	-	-	-	-
13. Smallpox	-	-	-	-	-	-	2	0.17	2	0.06	2	0.03
14. Measles	-	-	-	-	-	-	-	-	-	-	-	-
15. Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-
16. Cancer	34	1.22	7	0.40	2	0.65	4	0.35	13	0.40	47	0.78
17. Diabetes	4	0.15	-	-	-	-	1	0.09	1	0.03	5	0.08
18. Cerebral Heam. etc.	20	0.72	2	0.11	5	1.62	6	0.52	13	0.40	33	0.55
19. Cardiac Disease	94	3.53	15	0.85	8	2.59	10	0.87	33	1.03	127	2.11
20. Oth. Dis of Circulatory System	15	0.54	5	0.28	4	1.30	5	0.44	14	0.43	29	0.48
21. Bronchitis & Pneumonia	12	0.43	44	2.49	5	1.62	21	1.84	70	2.18	82	1.36
22. Miner's Phthisis without T.B.	-	-	-	-	-	-	-	-	-	-	-	-
23. Miner's Phthisis with T.B.	-	-	-	-	-	-	-	-	-	-	-	-
24. Oth. Respiratory Diseases	4	0.15	5	0.48	1	0.32	6	0.52	12	0.37	16	0.27
25. Ulcer of Stomach & duodenum	2	0.07	-	-	-	-	1	0.09	1	0.03	3	0.05
26. Diarrhoea & Enteritis (Under 2 years)	1	0.04	18	1.02	3	0.97	8	0.70	29	0.90	30	0.50
27. Appendicitis	1	0.04	-	-	-	-	-	-	-	-	1	0.02
28. Dis. of Liver & Biliary Passage	4	0.15	-	-	-	-	-	-	-	-	4	0.06
29. Nephritis	1	0.04	1	0.06	1	0.32	4	0.35	6	0.19	7	0.12
30. Puerperal Sepsis	-	-	-	-	-	-	-	-	-	-	-	-
31. Dis. of Pregnancy etc.	-	-	-	-	-	-	1	0.09	1	0.03	1	0.02
32. Cong. Malformations & Dis. of early Infancy	13	0.47	23	1.30	6	1.95	6	0.52	35	1.09	48	0.80
33. Suicide	3	0.11	-	-	-	-	-	-	-	-	3	0.05
34. Oth.Violent deaths	9	0.32	13	0.74	-	-	4	0.35	17	0.53	26	0.43
35. Oth.defined causes	34	1.22	41	2.32	3	0.97	30	2.62	74	2.30	108	1.80
36. Causes ill-defined	2	0.07	1	0.06	-	-	1	0.87	2	0.06	4	0.06
TOTAL:	263	9.41	227	12.85	43	13.84	125	10.93	395	12.27	658	10.95

SEASONAL OCCURRENCE OF DEATHS.

AMONG RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July 1949	17	7	24	19	8	27	3	1	4	5	8	13	27	17	44
August	20	12	32	17	9	26	1	1	2	6	1	7	24	11	35
September	12	11	23	11	5	16	2	2	4	7	6	13	20	13	33
October	15	4	19	5	7	12	1	1	2	1	5	6	7	13	20
November	12	20	32	15	6	21	2	0	2	3	3	6	20	9	29
December	5	10	15	9	12	21	4	1	5	11	5	16	24	18	42
January	10	8	18	11	7	18	3	0	3	7	3	10	21	10	31
February	11	7	18	10	8	18	0	1	1	8	2	10	18	11	29
March	10	6	16	11	5	16	4	2	6	4	5	9	19	12	31
April	14	2	16	16	8	24	4	2	6	5	8	13	25	18	43
May	12	8	20	7	5	12	1	1	2	6	1	7	14	7	21
June 1950	17	13	30	10	6	16	5	1	6	8	7	15	23	14	37
TOTAL :	155	108	263	141	86	227	30	13	43	71	54	125	242	153	395

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 yr.	11	5	16	37	35	72	7	6	13	19	18	37	63	59	122
1 - 2 yrs.	2	1	3	15	11	26	2	1	3	7	6	13	24	18	42
2 - 4 "	1	0	1	3	5	8	0	0	0	1	3	4	4	8	12
5 - 14"	2	1	3	4	6	10	1	1	2	5	2	7	10	9	19
15 - 24"	7	0	7	7	1	8	1	2	3	9	4	13	17	7	24
25 - 34"	5	1	6	16	6	22	0	0	0	4	6	10	20	12	32
35 - 44"	12	1	13	22	6	28	1	1	2	3	6	9	26	13	39
45 - 54 "	12	11	23	23	8	31	6	0	6	4	2	6	33	10	43
55 - 64"	32	17	49	4	5	9	5	1	6	8	1	9	17	7	24
65 - 74"	30	25	55	7	0	7	4	0	4	6	3	9	17	3	20
75 & Over	41	46	87	3	3	6	3	1	4	5	3	8	11	7	18
TOTAL :	155	108	263	141	86	227	30	13	43	71	54	125	242	153	395

(1) Vital Statistics. Cont'd

SUMMARY OF CAUSES OF DEATH.

(Classified into groups and expressed as Percentage of all deaths)

RESIDENTS ONLY.

	European	Native	Coloured	Asiatic
Acute Exanthemata	0 : 0	2 : 0.9%	0 : 0	1 : 0.8%
Tuberculosis (all forms)	4 : 1.5%	30 : 13.2%	4 : 9.3%	12 : 9.6%
Syphilis	2 : 0.8%	14 : 6.2%	0 : 0	2 : 1.6%
Other Parasitic & Infectious Diseases	4 : 1.5%	12 : 5.3%	1 : 2.3%	5 : 4.0%
Cancer	34 : 13.0%	7 : 3.1%	2 : 4.7%	4 : 3.2%
Diabetes	4 : 1.5%	0 : 0	0 : 0	1 : 0.8%
Cerebral Haemorrhage, Thrombosis & Embolism	20 : 7.6%	2 : 0.9%	5 : 11.6%	6 : 4.8%
Cardiac Diseases and Other Diseases of Circulatory System	109 : 41.4%	20 : 8.8%	12 : 28.0%	15 : 12.0%
Respiratory Diseases (Non-Tuberculosis)	16 : 6.1%	49 : 21.6%	6 : 14.0%	27 : 21.6%
Enteritis and Diarrhoea (Under 2 years)	1 : 0.4%	18 : 7.9%	3 : 7.0%	8 : 6.4%
Other Diseases of Digestive System	12 : 4.6%	5 : 2.2%	0 : 0	7 : 5.6%
Nephritis	1 : 0.4%	1 : 0.4%	1 : 2.3%	4 : 3.2%
Congenital Malformations	1 : 0.4%	0 : 0	1 : 2.3%	1 : 0.8%
Diseases Peculiar to First Year of Life	12 : 4.6%	23 : 10.1%	5 : 11.6%	15 : 12.0%
Senility	13 : 5.0%	2 : 0.9%	0 : 0	3 : 2.4%
Deaths from Violence	12 : 4.6%	13 : 10.1%	0 : 0	4 : 3.2%
Other Causes	6.6%	8.4%	6.9%	8.0%
TOTAL :	263 :	227 :	43 :	125 :

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE.

RESIDENTS ONLY. (Where the diagnosis has been altered subsequent to notification, the case has been excluded from this total of notifications).

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Enteric Fever	3	7	0	4	11	14
Pulmonary Tuberculosis	17	62	9	17	88	105
Tuberculosis - Other Forms	0	12	2	10	24	24
Scarlet Fever	25	0	1	0	1	26
Diphtheria	21*	34	6	5	45	66
Smallpox	0	0	0	5	5	5
Leprosy	-	1	-	-	1	1
Anterior Poliomyelitis	2	-	-	1	1	3
Puerperal Sepsis	-	-	-	6	6	6
Cerebrospinal Fever (Meningococcal Meningitis)	1	2	-	1+	3	4
TOTAL:	69	118	18	49	185	254

*Includes 2 "Carriers"
+Type of Meningitis not identified

INCIDENCE per 1,000 POPULATION.

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Enteric Fever	3 : 0.11	7 : 0.40	0 : 0	4 : 0.35	11 : 0.34	14 : 0.23
Pulmonary T.B.	17 : 0.61	62 : 3.51	9 : 2.92	17 : 1.49	88 : 2.73	105 : 1.75
T.B. Oth. Forms	0 :: 0	12 : 0.68	2 : 0.65	10 : 0.87	24 : 0.75	24 : 0.40
Scarlet Fever	25 : 0.90	0 : 0	1 : 0.32	0 : 0	1 : 0.03	26 : 0.43
Diphtheria	21 : 0.75	34 : 1.92	6 : 1.95	5 : 0.44	45 : 1.40	66 : 1.10
Smallpox	0 : 0	0 : 0	0 : 0	5 : 0.44	5 : 0.16	5 : 0.08
Leprosy	0 : 0	1 : 0.06	0 : 0	0 : 0	1 : 0.03	1 : 0.02
Anterior Poliomyelitis	2 : 0.07	0 : 0	0 : 0	1 : 0.09	1 : 0.03	3 : 0.05
Puerperal Sepsis	0 : 0	0 : 0	0 : 0	6 : 0.52	6 : 0.19	6 : 0.10
C.S. Fever	1 : 0.04	2 : 0.11	0 : 0	1 : 0.09	3 : 0.09	4 : 0.07

(2) INFECTIOUS DISEASE.

There were 254 notifications of infectious disease, a slight decrease on the total of 257 recorded last year. (See page 8)

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page59)

Altogether 247 patients were admitted during the year, 202 Borough and 45 Out-of-Borough. Figures for the previous years were:-

1948-49 : 229; 1947-48 : 189; 1946-47 : 170; 1945-46 : 193; 1944-45 : 159; 1943-44 : 318; 1942-43 : 334, 1941-42 : 259; 1940-41 : 405; 1939-40 : 307; 1938-39 : 216; 1937-38 : 215; 1936-37 : 183.

Cases of Tuberculosis, Puerperal Sepsis and Typhoid Fever, are provided for at Grey's Hospital - the Provincial General Hospital - and the King George V - Springfield Hospital for Tuberculosis in Durban. Europeans needing hospitalisation for Venereal Disease are sent by arrangement to Wentworth Hospital, Durban. Cases of Anterior Poliomyelitis are now admitted to the Isolation Hospital for the first 3 weeks (the presumably Infections period) of their illness.

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL. (Page 59)

Admissions totalled 442, 151 Borough and 291 Out-of-Borough cases. Admissions since the opening of this hospital have been as follows:-

1948-49 : 308; 1947-48 : 304, 1946-47 : 305: 1945-46 : 238; 1944-45 : 332; 1943-44 : 344; 1942-43 : 252

INFECTIOUS DISEASES HOSPITALISATION.

In the last three reports mention was made of the Council's negotiations with the Natal Provincial Administration on the Co-ordination of all the Infectious Diseases Hospitals for Pietermaritzburg City, the Peri-Urban Areas and the surrounding district, in order to overcome the difficulties and costs associated with the Administration of small scattered hospital units.

The City Council finally resolved itself to go on with a scheme for the expansion of its own existing Infectious Diseases Hospitals and submitted for approval by the Union Department of Health the following proposals:-

1) A new Non-European Venereal Diseases Hospital of 120 beds to replace the present obsolete hospital, together with the necessary accommodation for Native hospital orderlies.

2) A new Formidable Epidemic Diseases Hospital for Europeans (eight beds) and Non-Europeans (sixteen beds).

3) An additional 24 beds for the Tuberculosis section of the Non-European Infectious Diseases Hospital.

4) Alterations to the European Isolation Hospital,Scottsville, to provide an additional ward.

5) The provision of sewerage.

6) Additional accommodation at the Nurses Home for the extra staff required for these extensions.

All these extensions and additions (except item (4)) are planned for the Council's Mountain Rise Hospital site. On account of present day capital stringency the original proposal to build a new European Infectious Diseases Hospital,also at Mountain Rise, was abandoned for the meantime and minor additions only are proposed for the European Isolation Hospital at present.

For the same reason the plan to extend the Non-European Isolation Section of the hospital was abandoned and it was proposed to use the new

/Formidable .....

Formidable Epidemic Diseases Hospital temporarily for this purpose, until it becomes necessary to use this hospital for Formidable Epidemic Disease.

AMBULANCE.

The following figures have been furnished by the courtesy of the City Engineer:-

1) Total number of cases removed : 5,284

2) Infectious Cases Removed : 1,668

LABORATORY WORK.

Laboratory work done by the Pathologist, Dr.D.G. Cowie :-

Swabs for Diphtheria Bacilli	435
Swabs for Haemolytic Streptococci	71
Smears for Gonococcus, Vincents', Thrush	9
Cerebro-Spinal Fluids	12
Bloods (Widal, W.R.)	2
Blood (Counts, Smears)	8
Stools (B. Typhosus)	1
Stools (T.B.)	5
Stools (E. Histolytica)	18
Stools (Parasites, etc.)	29
Urines (Chemical, microscopic, etc.)	26
Blood (Culture for Meningococci)	1
Blood (Protein, Urea)	3
Milk - for Bacterial Count	26
Foodstuffs for Organisms	2
TOTAL:	648

Work done in Departmental Laboratory:-

Mosquito Larvae examined : 5,326.

NOTIFIABLE INFECTIOUS DISEASE.

(a) ANTHRAX. No cases notified.

(b) SMALLPOX. In last year's report the occurrence of a case of Smallpox in the Edendale area in June was noted. In July and August the disease spread widely but the outbreak ended in this area by September. Five cases were notified in Pietermaritzburg residents - all members of one Asiatic family.

The first case notified was an Asiatic female, who died soon after removal to hospital (haemorrhagic Smallpox complicated by a premature (28 weeks) confinement). On investigation two further cases were found in the household, one, a very old woman, having been ill for some 10 days already and apparently the first case in the outbreak. This patient also died later. Two more children in the household subsequently developed smallpox.

It was probable that contact had taken place between the Edendale case and this family. Active measures were taken to isolate and quarantine the cases and known contacts and as a result no cases occurred outside of this family in Pietermaritzburg itself, but there was spread to contacts in other areas, some of whom had been revealed at the time and were in quarantine, others of whom were not disclosed. There was one imported Native case found in the City.

A portion of the Epidemic Hospital was reopened for the treatment of these cases and for cases in other areas. Altogether 44 cases and 19 contacts were admitted to this hospital (see page 59). Fortunately there was no spread to Europeans as there is absolutely no provision for their care in Pietermaritzburg at present. The establishment of Formidable Epidemic Diseases wards for Europeans is an essential part of the hospital scheme now proposed (see page 9).

/General .....

General vaccination was carried out for this outbreak, commencing late in June, when the Edendale case occurred. 2,350 Vaccinations were done in June, but when cases occurred in Pietermaritzburg the response to vaccination accelerated and by 31st August, when general vaccination was discontinued, a total of 34,355 vaccinations had been recorded (European: 7,317, Natives: 16,449, Coloureds: 1,709, Asiatics: 9,185).

VACCINATION.

Vaccination at the Municipal Pass Office is carried out on every unvaccinated or inadequately vaccinated registrant at the Pass Office. (see page 25).

In addition, since the Smallpox Epidemic of 1944, vaccination of infants (all races) has been carried out at the Municipal Infant Welfare Clinics, and adults applying to the Public Health Department are also vaccinated. This service serves to supplement the free service available to the public through the Public Vaccination carried out by the District Surgeon.

The Registrar of Vaccination has supplied the following figures of total vaccinations in Pietermaritzburg, reported to the Registrar of Vaccination, for the year:-

Successful Vaccinations	500
Insusceptible to Vaccination	15
Exempted from Vaccination	0

The number of vaccinations carried out by this Department at its Clinics during this period was 450 (Eur. 197, Nat. 55, Col. 56, As. 142). These vaccinations were subsequent to 31st August when general vaccination was discontinued.

(c) DIPHTHERIA. The total number of cases notified was 66, as compared with 62 for last year, and 4 Europeans, 6 Natives and 1 Coloured died from this disease.

There was a sharp increase in Native cases notified this year (34 as compared with 7 last year), due chiefly to the occurrence of two epidemic outbreaks in the Native Children's Ward at Grey's Hospital.

The immunisation history in 22 definite cases (confirmed by Virulence tests) admitted to our hospital was as follows:-

IMMUNISED	NON-IMMUNISED
Total cases: 10 (9 Eur., 1 Col.) (including 2 carriers) Deaths: 1	Total Cases: 12 (including 1 carrier) Deaths: 3

In addition 1 Coloured child, who had been immunised 9 years previously, died in Grey's Hospital from Laryngeal Diphtheria (Bacteriological confirmation was not obtained in this case, nor was a post immunisation Schick test done).

In 10 cases Cultures, which were reported as Virulent, proved to be C. Diphtheria Gravis in 5 cases and C. Diphtheria Mitis in 5 cases.

1,089 immunisations against Diphtheria were completed at the Infant Clinic Sessions this year (Eur. 520, Nat. 102, Col. 106, Asiatics 391).

In addition the following pre-inoculation and post-inoculation Schick tests were performed. Most of the pre-inoculation Schick tests are done in older children who apply for immunisation, so as to spare them the possibility of unnecessary reaction.

(c) DIPHTHERIA. Cont'd.

Race	Pre-inoculation Schick Tests	No. Positive	Post-inoculation Schick Tests	No. Positive
European	29	4 (14%)	263	26 (11%)
Native	22	2 (9%)	38	1 (2.6%)
Coloured	-	- -	30	*9 (30%)
Asiatic	-	- -	-	- -

*The high figure in the Coloured group partly was due to the retesting of a family of 6 who had been immunised 9 years previously. 3 Positives were found in this group.

The following table gives the Total Births, the Notifications and Deaths from Diphtheria, and Number of Children Immunised by the Public Health Department since 1937:-

DIPHTHERIA

YEAR	EUROPEANS				NATIVES				COLOUREDS				ASIATICS			
	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths
1937-8	352	-	25	1	187	-	2	1	75	-	-	-	238	-	2	-
1938-9	405	-	32	2	232	-	5	-	82	-	2	1	198	-	2	-
1939-40	403	18	41	3	199	-	2	-	86	-	2	1	149	-	5	-
1940-1	428	140	18	-	209	-	1	-	73	155	2	-	398	-	8	1
1941-2	515	191	25	1	217	-	4	-	114	23	-	-	425	56	2	1
1942-3	454	412	31	1	239	-	5	-	94	2	2	-	500	36	1	-
1943-4	550	447	53	1	274	33	16	2	104	16	3	-	526	-	4	1
1944-5	526	315	33	3	262	125	26	-	116	2	2	-	581	6	6	-
1945-6	587	225	36	-	189	91	9	1	103	66	5	2	558	46	10	1
1946-7	697	275	14	-	315	81	13	2	149	192	-	-	711	138	13	2
1947-8	704	275	10	1	303	118	4	1	133	120	5	2	704	261	14	2
1948-9	703	672	43	4	279	134	7	2	116	125	2	1	670	393	10	3
1949-50	669	520	21	4	263	102	34	6	109	106	6	1	669	391	5	-

No figures are available of the number of persons immunised by private practitioners.

(d) SCARLET FEVER.

26 Cases were notified as compared with 27 cases last year. The disease continued to be mild. The use of Penicillin in the treatment of Scarlet Fever has enabled us to permit children to return to school after 2 weeks quarantine as throat swabs reveal the rapid disappearance of Haemolytic Streptococci under this form of treatment. No "return cases" have yet been encountered in our experience with this procedure.

(e) CEREBRO-SPINAL MENINGITIS.

4 Cases were notified during the year, the same figure as shown the last three years.

/(f) ANTERIOR POLIOMYELITIS

(f) ANTERIOR POLIOMYELITIS.

3 Cases were notified this year, 2 Europeans and 1 Asiatic.

(g) MURINE TYPHUS FEVER

No local cases of Murine Typhus Fever were reported this year.

(h) ENTERIC FEVER.

14 Cases were notified, 3 European, 7 Native and 4 Asiatic, a small drop on last year's total of 16.

In 1 European case suffering from Endocarditis, E. Typhosus was recovered on blood culture. In 1 Asiatic case, the diagnosis could not be confirmed by bacteriological investigation.

In 1 Native case the infection was probably contracted outside the City. 1 Native case was a carrier and in another Native case the diagnosis was not confirmed bacteriologically.

The cases were all sporadic, no secondary cases being reported.

68 Persons were immunised, 16 Europeans, 31 Natives and 21 Asiatics. The method employed was two injections of Endotoxoid (S.A.I.M.R). All those immunised were contacts of patients suffering from Typhoid Fever, and completed the course of 2 injections.

(i) PUERPERAL SEPSIS.

6 Notifications were recorded as compared with 2 last year, all being of Asiatics.

In 2 cases the baby was born normally before the attendants arrived, (in one of these the patient's mother assisted).

3 Cases had normal confinements in hospital, and 1 case was confined at home by a registered midwife.

(3) TUBERCULOSIS (Pages 41 - 42).

Notifications of Pulmonary Tuberculosis totalled 105, a decrease on last year's total of 116, 17 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 24 (all Non-European) as compared with the previous year's total of 14.

35 Borough cases (14 Natives, 6 Coloureds and 15 Asiatics) were admitted to the Tuberculosis block of the Non-European Infectious Diseases Hospital. In addition, 1 European case was admitted temporarily to the (European) Isolation Hospital.

During the year 18 Borough cases were admitted to Grey's Hospital. (2 European, 10 Native, 2 Coloured and 4 Asiatic). 7 Borough cases and 1 Out-of-Borough case were admitted direct from the T.B. Clinic to Hospital. 2 Europeans, 5 Native, 1 Coloured and 1 Asiatic were admitted to the King George V - Springfield Hospital for Tuberculosis in Durban and 1 European was admitted to the Wentworth Tuberculosis Hospital, Durban.

The scheme of subsidising rentals in tubercular families at the Sobantu Village, where a larger house was necessary to ensure the isolation of the infectious case in the home, was continued during the year, and 1 family was assisted in this way. Control by the Native Health Assistant is maintained to ensure that isolation is observed, but constant vigilance is needed and the patient's response is not always satisfactory.

/The .....

The Natal Anti-Tuberculosis Association made grants to 30 families in Pietermaritzburg (1 European, 15 Native, 3 Coloured and 11 Asiatic), to enable the breadwinner to accept hospital treatment.

The following tables illustrate the trend in notifications and deaths from this disease over the period 1934 - 1950 :-

PULMONARY TUBERCULOSIS

	NOTIFICATIONS.						DEATHS.					
	Eur.	Nat.	Col.	As.	All Non-Eur.	Total	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
1934-5	7	35	12	31	78	85	4	25	7	8	40	44
1935-6	17	38	15	32	85	102	2	14	3	12	29	31
1936-7	8	40	8	20	68	76	4	18	7	17	42	46
1937-8	17	40	15	14	69	86	7	29	7	7	43	50
1938-9	15	40	15	10	65	80	5	19	6	8	33	38
1939-40	7	23	7	17	47	54	4	15	7	9	31	35
1940-41	7	13	11	7	31	38	3	19	1	6	29	32
1941-2	8	22	6	18	46	54	5	9	1	15	25	30
1942-3	8	29	2	27	58	66	5	13	2	16	31	36
1943-4	5	23	3	24	50	55	3	14	4	14	32	35
1944-5	13	52	5	30	87	100	3	14	4	11	29	32
1945-6	12	60	10	24	94	106	10	24	6	12	42	52
1946-7	10	51	13	25	89	99	11	31	6	11	48	59
1947-8	23*	49	9	32	90	113	9	23	4	18	45	54
1948-9	13	68	8	22	98	116	8	44	4	11	59	67
1949-50	17	62	9	17	88	105	3	27	3	10	40	43

*Includes 1 case also notified as Non-Pulmonary Tuberculosis.

NON-PULMONARY TUBERCULOSIS

	NOTIFICATIONS.						DEATHS.					
	Eur.	Nat.	Col.	As.	All Non-Eur.	Total	Eur.	Nat.	Col.	As.	All Non-Eur.	Total.
1934-5	1	4	0	3	7	8	2	6	0	1	7	9
1935-6	3	3	1	6	10	13	1	2	0	2	4	5
1936-7	2	8	0	5	13	15	1	4	0	3	7	8
1937-8	5	10	3	6	19	24	3	1	2	3	6	9
1938-9	1	3	0	3	6	7	0	2	0	2	4	4
1939-40	2	3	1	3	7	9	1	2	1	0	3	4
1940-1	3	2	0	3	5	8	2	1	0	0	1	3
1941-2	2	7	2	7	16	18	1	3	1	3	7	8
1942-3	1	3	4	2	9	10	1	1	1	3	5	6
1943-4	1	4	0	3	7	8	0	5	1	3	9	9
1944-5	2	6	1	8	15	17	0	3	2	5	10	10
1945-6	1	5	3	3	11	12	1	4	1	3	8	9
1946-7	1	8	3	2	13	14	0	11	3	3	17	17
1947-8	5*	9	1	4	14	19	1	8	1	2	11	12
1948-9	0	7	0	7	14	14	1	7	1	2	10	11
1949-50	0	12	2	10	24	24	1	3	1	2	6	7

*Includes 1 case also notified as Pulmonary Tuberculosis.

While there was only a small drop in the total of notified cases of Pulmonary Tuberculosis, the number of deaths reported fell quite sharply. Most of this difference was reflected in the Native Death Rate, and it is highly probable that this was due to the fact that many Native cases left the City and their eventual fate is not recorded.

/MASS RADIOGRAPHY SURVEY.....

MASS RADIOGRAPHY SURVEY.

In May 1949 a mobile unit of the Union Health Department's Mass Radiography Survey Section spent a fortnight in Pietermaritzburg and carried out surveys in 5 large factories in the City by means of Miniature X. Rays and Mantoux Testing.

As a result of the Survey the following cases were discovered:-

	Eur.	Nat.	Col.	As.
Minimal	5	10	-	20
Advanced	-	6	1	7

The status of the above cases one year later is as follows:-

Europeans: 2 cases lost sight of.
3 cases - following investigation proved to be Non-Tuberculous.

Natives: Advanced cases (6): All have been lost sight of.
Minimal cases: 4 proved to be Non-Tuberculous.
1 case has progressed to an advanced state.
5 cases - proved to be definitely Tuberculous - have been lost sight of.

Coloureds: Advanced case (1): This patient improved temporarily under hospital treatment, but his condition has since regressed.

Asiatics: Advanced cases (7): 1 patient has since died.
1 patient - condition has deteriorated further.
5 patients - improved after hospital treatment and have returned to work.
Minimal cases (20) : 18 have proved to be Non-Tuberculous
2 cases have progressed to the advanced stage.

THE TUBERCULOSIS CLINIC : (Page 47)

Staff : Asst. Medical Officer of Health (Part-time), a European Health Visitor (Half-time), and a Native Health Assistant (Full-time).

The routine clinical and X. Ray examination of all contacts of cases of Tuberculosis notified, was carried out at the Tuberculosis clinic. During the year there were 1,606 attendances at the Clinic (including 437 Out-of-Borough cases), while 2,604 visits were made to the tuberculotics and contacts in their homes. (Borough cases only). 108 Contacts were examined and X. Rayed at the Tuberculosis Clinic (including 15 Out-of-Borough contacts). The following notified cases were on our Tuberculosis Register as at June 30th, 1950:-

	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
Pulm T.B.	28	40	14	53	107	135
Non-Pulm. T.B.	3	9	2	15	26	29

Tuberculin testing (using the patchtest) is regularly done in doubtful cases and of late routinely in contact cases in order to lessen the load of X. Ray examinations, as the Grey's Hospital X. Ray Department is unable to provide

/an .....

an unlimited service. Artificial Pneumothorax and Artificial Pneumo-Peritoneum refills are regularly given at the T.B. Clinics.

The Tuberculosis Hospital : (Non-European Only).

Admissions totalled 54, 35 Borough cases (14 Native, 6 Coloured and 15 Asiatic) and 19 Out-of-Borough cases (13 Native, 3 Coloured and 3 Asiatic).

1942-1943	Annual	Admission	Rate	per	Bed	3.6 patients
1943-1944	"	"	"	"	"	4.0 "
1944-1945	"	"	"	"	"	2.8 "
1945-1946	"	"	"	"	"	1.8 "
1946-1947	"	"	"	"	"	2.0 "
1947-1948	"	"	"	"	"	3.1 "
1948-1949	"	"	"	"	"	2.8 "
1949-1950	"	"	"	"	"	2.3 "

Advantage was taken this year of the opportunity afforded by the Annual Royal Show in Pietermaritzburg to demonstrate to the public the ease and value of Miniature Mass Radiography.

In co-operation with the Pietermaritzburg Branch of the Natal Tuberculosis Association and the Division of Tuberculosis Services of the Union Health Department, this Department organised a practical exhibit during 'Show Week' in the Show Grounds.

A Mass Miniature Radiography unit of the Union Health Department, staffed by the Division of Tuberculosis Services, operated during the week at this stand. A total of 2,004 X. Rays were taken (European: 1,762, Native: 18, Coloured 17 and Asiatic: 207).

Each individual was eventually advised whether the Miniature X. Ray report was normal or otherwise and in the case of abnormal reports was advised to consult his or her own doctor or the nearest Tuberculosis Clinic, to whom the detailed report would be made available on application.

The main purpose of this demonstration was educational and it is felt that this purpose was achieved.

As many of the persons X. Rayed dispersed all over the Union, a detailed follow-up of the results was not possible. The preliminary results were as follows:-

Pulmonary Tuberculosis -	Minimal/Quiescent:	Eur. 9,	Asiatics 3.
	Doubtful:	Eur. 2.	
	Advanced:	Nil.	
Non-Tuberculous Conditions -	Cardiac Abnormalities:	15.	
	Aneurysm of Aorta:	1.	
	Old Pleurisy:	3.	
	Spinal Deformations:	3.	

Following upon this demonstration the Mobile Unit continued to work in Pietermaritzburg for some time surveying the staff of the S.A.R. & H. in Pietermaritzburg, two local factories, and carrying out Miniature X. Rays on the General Public at a central site on the Market Square for a period.

Considerable delay is still being experienced in securing the admission of European cases to the Wentworth and King George V - Springfield Hospitals for Tuberculosis in Durban, there being no Tuberculosis beds available for Europeans in Pietermaritzburg.

(4) VENEREAL DISEASE. (Pages 48 - 58).

(a), (b) & (c) A single Clinic Session is held weekly for each race and sex, conducted by the Medical Officer of Health and the Assistant Medical Officers of Health. These are separate sessions held in the Grey's Hospital Out-Patient Department Buildings. One European Health Visitor, 2

/Native .....

Native Nurses, 1 Native Orderly and 3 Native Health Assistants, assist at the Female Clinics, while the Health Visitor , a European Male Nurse, a Native Orderly and 3 Native Health Assistants, assist at the Male Clinics. Three Native Health Assistants devote their full time to Venereal Diseases, a third having been appointed in the last year. The European Male Nurse, 1 Native Nurse and the Native Orderly are from the Staff of the Non-European Venereal Diseases Hospital, thus providing an effective link between the Clinic and the Venereal Diseases Hospital.

(d) Every effort is made to trace contacts and sources of infection and to follow-up defaulters to ensure completion of treatment. A European Health Visitor deals with the investigation and follow-up of European, Coloured and Asiatic cases, and supervises the work of the Native Health Assistants who deal with Natives only.

It has been found that the Health Visitor is quite readily able to deal with both Male and Female cases, and to achieve useful results in all of the races in regard to improved attendance of defaulters at the Clinics. Personal visiting has been found the most effective method, and letters have also been of use, but the telephone is not used to any extent.

With the appointment of an additional Native Health Assistant more intensive follow-up work and recording could be carried out. Of 167 defaulters investigated, 54 could not be traced and 106 returned to Clinic (see table pages 52-53).

1 defaulter returned voluntarily (because of a new infection).
103 defaulters returned following personal visits by the Health Visitor and/or Native Health Assistant.
3 defaulters returned following visits to employer.
6 defaulters returned were traced when passing through the Municipal Pass Office Registration System.

In 103 defaulter visits explanations given by the patient for default were as follows:-

In 50 visits - no reasons given.
In 12 visits - patient left City.
In 6 visits - patient thought himself cured.
In 11 visits - patient was ill, confined, etc.
In 1 visit - patient unable to pay transport.
In 1 visit - patient did not know when to return.
In 3 visits - patient unable to attend clinic because he worked during clinic hours.
In 19 visits - various other reasons given.

(e) This Local Authority does not conduct the Ante-Natal Clinics held in Pietermaritzburg. The Medical Superintendent, Grey's Hospital, advises that the results of routine Wassermann Tests at the Ante-Natal Clinics are as follows:-

	EUROPEAN		NATIVE		COLOURED		ASIATIS	
	No. of Tests.	% Positive	No. of Tests	% Positive	No. of Tests	% Positive	No.of Tests	% Positive
1945-46	180	0.6%	2,860	11.8%	149	7.7%	636	2.4%
1946-47	185	0.5%	2,963	16.8%	465	1.9%	1,423	1.6%
1947-48	193	1.6%	3,053	9.3%	153	3.2%	772	2.2%
1948-49	293	1.7%	3.568	9.3%	190	2.8%	846	4.5%
1949-50	42	0	3,949	10.6%	102	7.8%	521	6.3%

/(f) .....

(f) The average annual attendance of patients suffering from Venereal Disease at the Clinics was as follows:-

	EUROPEAN				NATIVE				COLOURED				ASIATIC			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1943-44	14.1	3.7	2.5	6.7	3.6	2.8	2.9	4.1	2.7	6.1	2.4	2.6	3.5	3.5	7.3	1.1
1944-45	7.6	11.2	3.5	7.0	9.8	7.7	4.7	6.7	7.5	11.2	16.2	8.9	7.7	9.3	9.0	8.0
1945-46	7.7	5.9	13.5	6.7	10.1	8.9	6.4	7.5	4.0	8.4	10.8	7.4	5.7	6.9	6.2	6.9
1946-47	10.3	5.4	11.4	35.5	9.3	8.1	5.6	6.7	8.3	10.1	7.2	5.3	8.0	6.4	3.0	3.4
1947-48	15.3	5.6	9.5	6.6	9.5	7.5	5.0	5.3	10.1	8.2	3.5	7.4	8.3	8.0	4.6	2.7
1948-49	7.6	9.0	10.2	1.7	9.0	7.2	5.1	5.7	9.3	7.3	11.2	11.5	8.5	7.7	12.3	9.8
1949-50	5.0	5.4	-	1	8.8	6.1	5.1	4.7	9.7	8.6	6.3	5.0	6.9	6.6	4.2	3.5

These figures are arrived at by dividing the total number of Clinic Attendances for the year by the number of patients who attended the Clinics during the year.

(g) A decrease in Clinic Attendances has been recorded, there being 19,116 attendances during the year as compared with last year's total of 21,978. 3,007 Home visits were paid to cases of Venereal Disease, as compared with Last year's total of 2,491. The regular attendance of many of the patients is largly due to this follow-up work. The decrease in attendance is probably due to the change over to Penicillin treatment in hospital, so that many patients who formerly attended weekly for treatment now only attend occasionally for checking.

EPIDEMIC HOSPITAL. (Non-European V.D.).

Admissions to this hospital totalled 2,051 this year showing a big decrease on the previous year's total of 2,419, the daily average of in-patients totalling 76 as compared with 94 last year.

The re-admissions for this period numbered 335 out of a total of 2,051 admissions (i.e. 16%), as compared with 14% the previous year and 12% the year previous to that. An analysis of the patient's reasons for re-admission and for failure to continue treatment, is given in the following table:-

	Male	Female	Total
1) No reason given for failure to continue treatment.	46	24	70
2) Patients thought themselves cured after only a few follow-up injections	5	4	9
3) Patients attended only irregularly for follow-up treatment	17	26	43
4) Patients diagnosed on first admission as Non-Venereal Disease, but re-admitted subsequently and diagnosis found to be Venereal Disease (chiefly cases of Congenital Syphilis)	5	3	8
5) Patients unable to pay a doctor for further treatment	5	4	9
6) Patients stated no facilities for further treatment available near their homes or unable to pay transport to obtain treatment	2	3	5
7) Patients stated employers would not allow them to attend for further treatment	3	2	5
8) Patients told by a doctor that they were cured after only a few subsequent injections	11	5	16
9) Gaoled and received no further treatment	3	0	3
10) Patients re-admitted suffering from forms of V.D. other than that originally admitted for .	28	23	51
11) Non-Venereal Disease	5	13	18
12) Relapsed though attended Clinic fairly regularly	27	23	50
13) Reinfected after discharge from Clinic	27	19	46

/One .....

One can regard the re-admissions under the first three headings (approx. $\frac{1}{3}$ of the total) as due to failure of the Educative section of the Venereal Diseases Hospital treatment; a disappointing feature, as regular attempts to teach the patients the reasons and need for further treatment have been a part of the Venereal Diseases Hospital routine. This is, however, an improvement on the proportion recorded for the last two years viz. one-half.

With the availability of Penicillin Procaine G. in Oil, Penicillin treatment of all Syphilitic cases is now routine in this Hospital. All cases of Gonorrhoea receive Penicillin treatment. The rapid ten day course (a total of 6 M.u. Penicillin Procaine in Oil) has undoubtedly shortened the average hospital stay of Syphilitic cases and brought about a reduction in the daily average of hospital in-patients).

(5) PLAGUE.

No case of plague occurred during the year. Regular inspection of new shops and warehouses in the course of erection has been carried out and their rodent-proofing has been supervised. No rodent work has been carried out on commonage, but the rodent proofing of existing infested premises has been dealt with intensively. All business premises handling foodstuffs are inspected routinely every 3 months, and particular attention is paid to rodent-proofing. The block-by-block survey of the City Area is being continued to determine and deal with rodent infestation. A single Departmental Rodent Inspector devotes all his time to anti-rodent measures, trapping, poisoning, chiefly with Zinc Phosphide or with Strychnine to a lesser extent, and Cyanogas pumping being employed. Excellent results are being obtained by the use of the R traps and the pre-baiting technique.

There are 3 Grain Stores in the City; all are now rodent-proofed. There are 2 mills in the City - one is rodenr-proof and steps have been taken to have the other made rodent-proof.

Trapping operations by Rodent Inspector				12.	No Rodents caught.
Poisoning	"	"	"	"	206.
Gassing	"	"	"	"	31. Rodents killed: 396 (mostly by gassing.)

33 dwellings completed rodent proofing (out of 191 dealt with).
(47 business premises, shops and stores)
(0 stables) - completed rodent-proofing
(0 other buildings) (out of 206 dealt with)
New buildings supervised for rodent-proofing: 6.

(6) OTHER COMMUNICABLE DISEASES.

(1) MALARIA.

Control by spotting of larvae and spraying of selected breeding spots has again been carried out during the year in the Borough. The Local Health Commission carried out control work in the Peri-Urban areas. No malarial mosquito vectors were discovered inside the Borough this year. No new infections of malaria occurred within the Borough. Mosquito breeding was only light this year.

Permanent work in the way of wide open drains with grassed sides, and a hardened invert, was continued this year.

No check house spraying was carried out this season. Spraying was carried out to keep down the Anopheline population in known breeding areas and to deal with Culicine breeding which was causing a nuisance. This year D.D.T. Suspension was used for spraying instead of the usual Antimalarial Oil. Satisfactory results were obtained by the change over and spraying was speeded up noticeably.

(II) BILHARZIA.

Regular surveys were carried out during the year, and as a result Physopsis Africana was found in many of the streams investigated. One notable

/exception .....

exception was the Slangspruit. This was unexpected as the Slangspruit area appeared to be the source of a considerable amount of infection found clinically in Native children. Subsequently Physopsis was found nearer the source of this stream outside of the Pietermaritzburg area, cercariae being probably carried down by the stream to the bathing pools inside our boundaries.

This snail(the only one incriminated in the late Dr. Cawston's report last year on his investigation in Pietermaritzburg) was found in quite large numbers in the months December to February, the numbers tailing off rapidly in March and April, while only isolated specimens could be found in May.

Warning notice boards have been erected at the various spots used as bathing spots by Non-Europeans and Copper Sulphate dosing will be carried out in the summer.

(III) ENTERITIS in children under the age of two years accounted for 20 deaths (13 Native, 2 Coloured and 5 Indian), again a decrease on the previous year's total, viz. 27.

(IV) MEASLES.

There was a considerable prevalence of Measles in Pietermaritzburg during the year. 79 cases were treated in the (European) Isolation Hospital, 69 being Borough cases. 66 Cases were admitted to the Non-European Infectious Diseases Hospital, 36 being Borough cases. No deaths were reported from this disease. (See table on page 59).

(V) GERMAN MEASLES.

This disease was only slightly prevalent this year in school children and was as usual mild and uncomplicated.

(VI) WHOOPING COUGH.

This disease was only moderately prevalent during the year, no deaths being reported from this disease. Immunisation against this disease was carried out at the Infant Welfare Clinics, using a combined Whooping Cough and Diphtheria Vaccine. (See Page 23).

(7) WATER SUPPLY. (See Page 63)

The water supply of Pietermaritzburg is under the control of the City Engineer's Department. It is derived from streams coming from hilly country lying to the West of the Town. From the Storage Dam at Henley the water is piped to the Purification Works, where it is treated with Ammonium Sulphate,Lime ,and Aluminaferric, before filtration. After filtration, the water is treated with Chloramine before being distributed to the four service reservoirs.

The supply from the Purification Works and each of the service reservoirs has been bacteriologically examined each week by the bio-chemist in charge of the Purification Works. All employees at the Purification Works are Vi-Tested. No water-bourne outbreaks of disease have occurred during the year. Regular bacteriological sampling of swimming bath waters has also been carried out throughout the year , and other samples of well and tank waters have also been examined.

The Water Supply has proved inadequate on several occasions for the expanding needs of the City, and restrictions have been imposed on the use of water on several occasions. Plans to increase the supply to the City and to expand the Purification Works, have been approved by the City Council. The additional pipe line supply to the City was completed during this year, and a new balancing reservoir of 5 million gallons capacity was also completed. A new supply reservoir to bring a Municipal water supply to the Blackridge (Zwartkops) area is now under construction.

(8) NIGHTSOIL AND DISPOSAL.

The administration of this work is in the hands of the City

/Engineer .. ..

Engineer. The greater part of the Town and Suburbs is served by water-borne sewerage, although the conservancy system is still in use in certain outlying areas. Disposal is on the sewage farm about 3 miles from the centre of the Town, where broad irrigation is carried out and the screeningsand nightsoil are trenched. The City Council has acquired adjoining land, in order to extend the area available for sewage disposal, and has now approved a scheme for a modern filtration plant. The necessary information for the design of the scheme is now being collected.

(9) MEAT SUPPLIES. (Pages 66 - 67)

All slaughtering is carried out at the Municipal Abattoir, which is under the direct control of this Department. Butchers' shops are periodically inspected to ensure that they are satisfactory and that no meat which does not bear the Municipal stamp is exposed for sale. 123 Inspections of butchers' shops were made. A list of meat, fish and fowl condemned after inspection is shown on pages 64 - 65.

The Abattoir Manager reports that during the year 21,223 animals were slaughtered, a 14% decrease on last year's total of 24,661, the lowest total for 22 years.

The supply of sheep for slaughter to the Abattoir almost completely vanished, and while mutton has been imported from other centres, the overall supply has not been more than 25% of normal local consumption. Except during 5 months of the year supplies of cattle have been below local requirements and supplies of frozen beef have been imported from other centres. During the five 'good' months consignments of frozen beef were exported from Pietermaritzburg. There have been plentiful supplies of veal and pork during the year.

All slaughtering at the Abattoir is carried out by this Department.

During the year Abattoir charges were increased, in an effort to diminish the deficit experienced for some years, since with the introduction of Control, slaughtering at the Abattoir has fallen off very considerably.

All condemned meat and offal is transported in drums to a privately owned By-Product Plant at Bisley, just outside of Pietermaritzburg. The City Council has decided to build its own By-Products Plant, and has acquired land adjoining the Abattoir for the purpose of expansion. Plans and estimates for the expansion of the Abattoir, provision of change rooms, and the provision of new Railway Siding facilities were finally approved by the Council. Adequate Cold Storage accommodation has also been planned, there being none at the Abattoir at present.

In view of the falling off in supplies to the Abattoir it has been decided not to proceed with the Main Scheme at present. However, work was done to improve the present lairage accommodation, by providing asbestos roofing to all the pens. A new siding inside the Abattoir grounds has been planned in co-operation with the S.A.R. & H. authorities with whom financial negotiations are now being conducted by the City Council, to carry out the necessary work. It is hoped that this siding will prevent the possibility of escape of animals from the cattle bank into the City area.

ANTHRAX,etc. No cases were reported during the year.

CYSTICERCUS BOVIS AND CELLULOSAE ("MEASLES").

The following table shows the number of carcases infected with "Measles" during the past 6 years:-

/CATTLE .....

CYSTICERCUS BOVIS AND CELLULOSAE ("MEASLES").

The following table shows the number of carcases infected with "Measles" during the past 6 years :-

	CATTLE			CALVES			PIGS		
	Slaughtered	% Infected	% Condemned	Slaughtered	% Infected	% Condemned	Slaughtered	%Infected	% Condemned
1944-45	10,317	9.47	1.21	3,682	3.69	2.36	3,837	2.26	1.88
1945-46	11,091	7.73	0.91	5,076	4.98	1.30	3,947	2.96	2.58
1946-47	12,227	8.00	1.16	4,369	5.05	1.46	3,480	4.22	3.76
1947-48	11,513	6.94	0.84	3,244	4.68	1.44	3,254	4.94	4.06
1948-49	9,126	6.82	0.97	3,102	4.51	1.90	5,318	2.76	2.08
1949-50	10,564	7.16	0.88	3,385	4.66	1.38	6,308	1.37	1.10

(10) MILK SUPPLIES.

The milk supply has been carefully controlled throughout the year. It is derived from 36 producer-distributors, of whom 25 are in the Borough, and 11 outside of the Borough. In addition to these, there are 91 producers, 7 Borough and 84 Out-of-Borough, who send their milk to a pasteurization plant, from where it is distributed after pasteurization. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately 77% of the milk sold in Pietermaritzburg is pasteurised.

During the year the routine Vi-Testing of dairy employees was continued. Specimens, which are taken at the dairies by the Health Inspector, are posted to the Durban Government Laboratory for examination, this involving an overnight journey. 165 Bloods were examined and of these 1 was reported doubtful. A repeat examination of this case could not be carried out as the patient had left the area.

(11) OTHER FOOD SUPPLIES. (Pages 62 - 65).

Inspection of foodstuffs exposed for sale at the Market and elsewhere has been carried out regularly, and a considerable quantity of unsound food has been condemned (Pages 64 - 65). Condemned foodstuffs are removed to the refuse tips, made unusable, and disposed of by dumping.

Details of all licence applications dealt with by the Department are reflected in the Table on Page 68 . The routine renewal of all trade licences is no longer submitted to this Department by the Licensing Officer for report. A system of routine 3 monthly inspections of all food-handling premises, of Boarding Houses and of laundries is carried out. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a considerable improvement in this connection. 351 Inspections of the Borough Market and 1,434 inspections of other premises manufacturing or handling food were made. (Pages

Food and Drugs Act. (Page 62 - 63)

Under the Food, Drugs and Disinfectants Act, 31 samples were taken and the results of the analyses were as follows:-

Milk: 8 Samples : 2 Samples not in accordance with requirements in regard to Solids-Non-Fat.

Ice Cream: 3 Samples : All in accordance with standards laid down.

Cream: 5 Samples : All in accordance with standards laid down.

Mince Meat: 8 Samples : 2 Samples contained preservative.

Sausage: 7 Samples : All in accordance with standards laid down.

/In .....

In the case of defective Solids-Non-Fat Milk Samples, letters were written to the dairyman. In the case of Mince Meat samples reported as containing preservative prosecutions were instituted.

(12) MATERNITY AND CHILD WELFARE. (Page 61)

The European Infantile Mortality Rate of 23.9 was very slightly higher than last year's figure of 19.9, but is nevertheless an extremely satisfactory and low rate.

The Coloured Infantile Mortality Rate rose from 103.4 to 110.1.

The Indian Infantile Mortality Rate dropped from 58.2 to 55.3.

The Native Infantile Mortality Rate was 273.8. As far as it is possible to ascertain the registration of Native births in Pietermaritzburg is fairly complete now, and the figures obtained should be fairly reliable. This rate is higher than last year's rate of 222.2.

The main causes and age groupings of Infantile Mortality in the different races are shown on pages 39-40.

In Europeans prematurity was again the chief cause of Infantile Mortality. Prematurity was also the chief cause of Non-European Infantile Mortality, with Diarrhoea and Enteritis and Broncho-Pneumonia sharing second place. The increase in Native Infantile Mortality was chiefly found under the headings of Prematurity and Pneumonia.

This Department continued to supply milk to necessitous infants up to the age of 2 years, and also to a certain number of children below the age of 5. (See Page 61)

Diphtheria immunisation was continued throughout the year as one of the activities of the Infant Welfare Clinics, a total of 1,089 children being immunised (European: 520; Native: 102; Coloured: 106; Asiatic: 391).

A combined Diphtheria and Whooping Cough Vaccine was also used in infants, and of the total given above, 349 European, 39 Native and 66 Coloured infants were immunised against Whooping Cough at the same time as against Diphtheria. Asiatics were not done on account of the difficulty experienced in persuading them to attend for the full course of 3 injections. For that reason a two injection method (Alum Precipitated Toxoid) is preferred for them. 374 Schick Tests were also done (282 Europeans, 62 Natives and 30 Coloureds). 54 Of these were Pre-inoculation Schick tests and 320 were post-inoculation Schick tests.

The detailed results of the Schick Tests were as follows:-

SCHICK TESTS

Pre-inoculation Schick Tests.

	European	Native	Coloured.
No. of Tests	32	22	-
No. Negative	25	18	-
No. Positive	4	2	-
No. Doubtful	-	2	-
No. not read	3	-	-

Post-inoculation Schick Tests.

	European	Native	Coloured
No. of Tests	250	40	-
No. Positive	26	1	-
No. Negative	206	37	-
No. Doubtful	4	2	-
No. not read	14	-	-

/Child .....

Child Welfare Clinic attendances were as follows:-

	European	Native	Coloured	Asiatic
1945-1946	6,259	2,843	1,075	3,041
1946-1947	8,073	3,206	1,682	3,748
1947-1948	6,849	3,092	1,570	3,535
1948-1949	8,740	3,426	1,110	3,272
1949-1950	7,778	2,649	935	3,180

The Registrar of Vaccination reports the following total of Vaccinations for Pietermaritzburg :-

Successful Vaccinations (under 2 yrs.) : 491
" " (over 2 yrs.) : 9
Insusceptible to Vaccination (under 2 yrs.) : 15
Exempted : Nil

Vaccinations carried out by this Department at the Infant Clinics totalled 3,967, but this figure included a large number of adults (3,517) who applied for vaccination, particularly when Smallpox occurred in Pietermaritzburg.

Maternal Mortality.

The only death recorded was from Eclampsia (an Asiatic).

The registration and supervision of all midwives practising in the Borough was continued throughout the year. 1 Inspection of Midwives' Bags was made.

The Midwifery Training School at Grey's Hospital provides midwifery services for Europeans in the wards of Grey's Hospital, and district Midwifery Services in Pietermaritzburg for Europeans, Coloureds and Asiatics. In addition, Ante-Natal Clinic Services for all races are provided. The Non-European Maternity Wards of Grey's Hospital have been transferred to a temporary converted hospital at Mayor's Walk providing 76 beds for Natives, Coloureds and Asiatics. Native District Midwifery is carried out by the Native Municipal Midwife, but is not extensive as most Native women in Pietermaritzburg prefer to go to Hospital for their confinements.

The following figures have been supplied by the courtesy of the Medical Superintendent of Grey's Hospital:-

Borough cases : (From 1st July, 1949 to 30th June, 1950):-

Ante-Natal Clinic Attendances :

Europeans	: 510
Natives	: 2705
Coloureds	: 191
Asiatics	: 569
TOTAL	: 3975

District Midwifery Visits :

Europeans	: 564
Coloureds	: 561
Asiatics	: 5706
TOTAL	: 6831

The Municipal Native Midwife conducted 17 confinements and paid 235 confinement visits during the year.

Pietermaritzburg is a "Prescribed Area" under Section 39(b) of the Medical Dental and Pharmacy Act No. 13 of 1928, within which no person other than a medical practitioner or a midwife registered under the Act, shall attend any lying-in-woman for gain. There is one untrained midwife (an Asiatic) "listed" in Pietermaritzburg, and she conducted 13 confinements in the year.

(13) BY-LAW NOTICES AND PROSECUTIONS. (Pages 69 - 72)

1,997 Notices and formal letters were served regarding breaches of the Borough By-Laws. 22 Prosecutions were initiated in the Magistrate's Court, as detailed on page 72.

(14) OTHER MATTERS OF HEALTH AND SANITATION. .....

(14) OTHER MATTERS OF HEALTH AND SANITATION.

Nursing Homes. Only one Nursing Home inspection was made in the Borough. The Registration and Inspection of Nursing Homes in Natal is now carried out by the Provincial Aministration.

Complaints from Burgesses. 98 Complaints were received and attended to during the year.

Medical Examination of Natives.

Number Examined	Rejected (All Causes)	Rejected (V.D.)	Referred T.B. Clinic	Vaccinated
Male : 32,097	182 : 0.6%	52 : 0.2%	63 : 0.2%	
Female : 167	14 : 8.4%	8 : 4.8%	6 : 3.6%	
TOTAL : 32,264	196 : 0.6%	60 : 0.2%	69 : 0.2%	15,088

Other reasons for Rejection :

Verminous	:	Male	: 4
Dirty	:	Male	: 52
Scabies	:	Male	: 7
Chicken Pox	:	Male	: 2
Herpes	:	Male	: 1
Tonsillitis	:	Male	: 1

The number of Native female domestic servants coming forward for voluntary examination is still very small, despite the fact that the examination is now available every day instead of once weekly as before. Every person appearing at the Pass Office who does not possess evidence of successful vaccination, is vaccinated.

Sobantu (Native) Village Dispensary.

This Out-Patient Dispensary is conducted by this Department. Three sessions are held each week, attended by the Assistant Medical Officer of Health, while a full-time Native Nurse, who lives at the Village, assists at the Clinic, does the necessary dressings and follow-up treatment, and visits patients in their homes. This home visit is also utilised for the purpose of teaching simple health lessons, e.g. on the subject of cleanliness, nutrition, etc. The Clinic Nurse is also a certificated Health Visitor.

Number of new Patients attending Dispensary	:	921
Re-attendances at Dispensary	:	189
Home Visits	:	4,767
Surgical Dressings	:	9,477

Health Propaganda :

No organised propaganda was carried out.

(15) STAFF

The Staff of the Department at June 30th, 1950 was as follows:-

ADMINISTRATIVE AND OFFICE.

Medical Officer of Health : M. Maister, B.A., M.B, Ch.B., D.P.H.

Asst. Medical Officer of Health : J.R. van Heerden, M.B, Ch.B., D.P.H.

/Asst. Medical Officer (Clinical) .....

Asst. Medical Officer of Health (Clinical) : K.J. Aitken, M.B., Ch.B, D.P.H.

Chief Clerk	:	E. Bastow
Clerk	:	R. Markham
Junior Clerk	:	D. Hall
Senior Woman Clerical Assistant	:	Miss E.M. Hughes
Junior Woman Clerical Assistants	:	Miss D. Hardman, Miss G. Keppler and Miss D. Clark.

2 Native Messengers

INSPECTORATE.

Chief Health Inspector	:	C.F. Wyatt, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.
Health Inspectors	:	R.E. Bunn, Cert. R.S.I.
	:	Mrs. E.A. Thompson, Cert. R.S.I.
	:	D.C. Johnston, Cert. R.S.I.
Health Inspector (Dairy)	:	J.F. Bateson, Cert. R.S.I, Meat & Other Foods Cert. R.S.I., San. Sc. (as applied to Buildings and Public Works) Cert. R.S.I.
Rodent Officer	:	G. Fairfield
Handyman and Transport Officer	:	E. Redman
1 Indian Fumigation Assistant		

HEALTH VISITING STAFF.

Senior Health Visitor	:	Miss E.M. McDougall, Health Visitors' Cert. (Scotland), Health Visitors' Cert. R.S.I., Mothercraft Cert. (New Zealand).
Health Visitors	:	Miss G. Buttery, Health Visitors' Cert. R.S.I.
	:	Miss M.W. Marwick, Mothercraft Cert.
	:	Miss E.E. Holcomb, Health Visitors' Cert. R.S.I.
	:	Miss M.J. Home, Health Visitors' Cert. R.S.I.
Clinic Clerk	:	Mrs. A.C. Ferguson.

NATIVE NURSING AND HEALTH ASSISTANT STAFF.

Native Nurse (Sobantu Village Dispensary)	:	Nurse Sophia Masongoa, Health Visitors' Cert.,R.S.I.
Native Nurse and Midwife	:	Nurse Keziah Mbanjwa, S.A.M.C. Cert. (General and Midwifery)
Native Health Assistants	:	A. Ntombela, A.W. Mkize, V. Ntombela, G. Rodolo.

ISOLATION HOSPITAL.

Matron	:	E.C. Tiffin
Sisters	:	R. Browne, V.E. Kelly, M.B. Walker.
Night Sister	:	K.E. Koen
Probationer Nurses	:	O.R. Bezuidenhout, C.J.M. Von Abo

1 Housekeeper
14 Native Domestic Servants
1 Native night Watchman

/NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL .....

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL.

Matron : C. Le Steers
1 Housekeeper
Native Staff Nurses : 8
Probationer Nurses : 2
Native Domestic Staff : 19
Native Night Watchman : 1

EPIDEMIC HOSPITAL.

Officer-in-Charge : H.G. Fandam
Housekeeper : Mrs. Fandam
Native Staff Nurses : 2
Native Orderlies : 4
Native Domestic Staff: 3
Night Watchman : 1

ABATTOIR.

Manager : G.B. Lupton, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

Meat Inspectors : G.A. McIntosh, Cert. R.S.I., Meat & Other Foods Cert. R.S.I. (resigned)
H. Dreyer, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

Clerk : Position vacant.

Stockyard Foreman : C.F. Heathman.

(16) PERI-URBAN AREAS.

The Local Health Commission continued to exercise control in the Edendale and Slangspruit Area. The Commission has taken over the Malaria Control of the other peri-urban areas surrounding Pietermaritzburg.

No definite steps have, as yet, been taken to bring the other smaller peri-urban areas - New England and Ockert's Kraal-under control.Raisethorpe is however, now to be incorporated in the Borough, the date of incorporation being fixed for August 1st, 1950.

REPORT B.

(1) HOUSING.

30 "National"Houses were built by the City Council at the Sobantu Village for Natives.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to present conditions. 12 Dwellings were condemned for demolition under Public Health By-Law 19(b), (7 of these being demolished by the end of the period under review,) and 10 dwellings were voluntarily demolished, following representations by this Department. Most of the buildings demolished were insanitary back-yard shacks occupied as dwellings by Natives. A Closing Order was issued under Public Health By-Law 19(a) in the case of 1 dwelling.

Plans.

All plans of new buildings are submitted to this Department and 582 have been scrutinised. Of these 323 were approved out-right, 139 approved subject to minor alterations, 97 were disapproved and 23 were returned for additional information.

New Buildings.

The City Engineer reports that during the year 182 dwellings were completed for Europeans, and 11 dwellings for Non-Europeans, as compared with last year's total of 157. This is in addition to the Council building detailed above.

(2) HOUSING OF NATIVES,NATIVE OR ASIATIC LOCATIONS OR BARRACKS.

The Pietermaritzburg Sobantu Village, situated about 3 miles from the Centre of the Town, at June 30th, 1950, contained 545 occupied houses and various public buildings, with an estimated population of over 3,000. Water is supplied by communal standpipes from the Corporation water supply, and sanitation is by the pail system, separate for each house. Communal ablution blocks and laundries are provided. Provision for hot baths at a small charge has been made in the newly constructed ablution blocks, and this has proved very popular.

The City Council is continuing with the construction of further National (Sub-economic) Houses at the Sobantu Village. All the houses at the Sobantu Village are being built by Native Labour, under European supervision.

There are three Corporation Hostels for single Natives. For Males there is the newly extended East Street Hostel (and annexes) now housing 953 Natives, and the Ortman Road Hostel with a capacity of 119. The Women's Hostel in Church Street houses 174 women. These Hostels are under the control of the Municipal Native Administration Department, and two European Superintendents are employed. The scheme for a new Women's Hostel to house over 700 has been shelved owing to the very high tender figures received when the contract was offered. 124 Temporary Licences have been granted during the year to house unexempted Natives under the Natives (Urban Areas) Act, pending the provision of more accommodation at the Village and Hostels.

About 60% of the Natives resident in the Town live in quarters provided on the property of their employers. These quarters are the subject of inspections by this Department and in general are satisfactory.

Asiatic Housing.

The Corporation owns two compounds which house the sewage farm workers and the scavenging gangs. These compounds are well constructed in brick, and house respectively 29 and 21 Asiatic Labourers, together with their wives and families, and also 13 single Asiatics and 24 single Natives, and 10 single Asiatics and 10 single Natives respectively.

The 50 sub-ecomomic Indian houses completed at the beginning of 1940 have been fully occupied continuously. The Council has appointed a Woman

/Housing .....

Housing Manager, trained under the Octavia Hill Scheme, who operates under the Estates Manager in the City Treasurer's Department.

(3) REMARKS AND RECOMMENDATIONS, AND HOUSING MATTERS OF SPECIAL IMPORTANCE REQUIRING ATTENTION.

The various estimates of housing requirements made by this Department in 1939,1944 and 1945, were fully detailed in my 1944-1945 Report. No further surveys have been made. Summarised, these estimates revealed the following needs:-

Europeans	:	360 Dwellings
Natives	:	300 Dwellings
Coloured	:	Approx. 50 Dwellings
Asiatics	:	Approx. 300 Dwellings

Against these requirements, since 1945, can be set the following provision:-

(1) Europeans : (a) 11 National (Sub-ecenomic) Houses.
(b) 25 National Houses (at Manor).
(c) 46 Flats and 52 dwellings provided by private enterprise in 1945, 24 flats and 104 dwellings provided in 1946; and 154 dwellings and 41 flats in 1947, 144 dwellings in 1948 and 182 dwellings this year. Total 636 dwellings and 111 flats.

(2) Natives : (a) 100 National (sub-economic) Houses.
(b) 124 National (" ") Houses.
(c) Accommodation for 28 persons - aged and indigent Natives.

(3) Coloureds : 28 National (sub-economic) Houses.

(4) Asiatics : 50 Sub-economic Houses (1940).
13 Dwellings were completed by private enterprise in 1945 for Non-Europeans, 8 dwellings in 1946, 5 dwellings in 1947, 13 dwellings in 1948 and 11 dwellings this year : Total 50.

The Council has commenced building a further 26 National Houses for Asiatics, and also a further 42 National Houses for Europeans, and both of these schemes should be completed during the coming corporate year.

Housing needs as estimated last year, admittedly by "intelligent guesswork" only, were as follows:-

Europeans :	Economic	400	Subeconomic	400
Natives :	"	Nil	"	200
Coloureds :	"	30	"	150
Asiatics :	"	170	"	750

While there may be some lessening of the need for economic housing for Europeans due to private enterprise, this is not considerable, for only the high middle and upper income groups are able to meet the present day cost of building. The needs of the other income groups are steadily increasing and practically nothing is being done to meet their requirements.

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DEATHS.

The Detailed International List of Causes of Death as adapted for use in the Union of South Africa (5th Decennial Revision by the International Commission) is used. The omission of any cause indicates no deaths were registered for that cause.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATICS RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
1) INFECTIVE AND PARASITIC DISEASES.												
01. Typhoid Fever	0	0	0	1	1	2	0	0	0	0	0	0
08. Cerebrospinal Mgcl. Mgts.	0	0	0	0	0	0	0	0	0	0	1	1
12. Diphtheria	3	1	4	2	4	6	0	1	1	0	0	0
Tuberculosis of:-												
15. Respiratory System	1	2	3	19	8	27	3	0	3	5	5	10
16. Central Nervous System	0	0	0	0	2	2	1	0	1	0	2	2
17. Intestines & Peritoneum	1	0	1	1	0	1	0	0	0	0	0	0
27. Purulent infection and septicaemia(non-puerperal)	0	0	0	0	0	0	0	0	0	0	1	1
32. Bacillary Dysentery	0	0	0	0	0	0	0	0	0	1	0	1
33. Amoebic Dysentery	0	0	0	2	2	4	0	0	0	0	0	0
35. Dysentery - Oth. specified forms	0	0	0	1	0	1	0	0	0	0	0	0
Syphilis:-												
41. General paralysis of the insane	2	0	2	7	1	8	0	0	0	0	0	0
42. Aneurysm of Aorta	0	0	0	1	1	2	0	0	0	0	0	0
43. Congential Syphilis	0	0	0	1	0	1	0	0	0	1	0	1
44. Other Forms	0	0	0	2	1	3	0	0	0	1	0	1
45. Relapsing Fever	0	0	0	1	0	1	0	0	0	0	0	0
50. Smallpox	0	0	0	0	0	0	0	0	0	0	2	2
53. Acute Poliomyelitis and Polioencephalitis	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : GROUP I	7	3	10	38	20	58	4	1	5	8	12	20

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	7	3	10	38	20	58	4	1	5	8	12	20
CANCER AND OTHER TUMOURS												
100. Buccal Cavity	0	0	0	0	0	0	0	0	0	1	0	1
102. Stomach & Duodenum	5	1	6	0	1	1	0	0	0	0	0	0
103. Rectum	1	1	2	0	0	0	0	0	0	0	0	0
104. Liver	2	2	4	0	0	0	0	0	0	1	0	1
105. Cancer of Pancreas	2	0	2	3	0	3	1	0	1	0	0	0
106. Other digestive organs (including Peritoneum)	0	4	4	0	0	0	0	0	0	0	0	0
109. Lung	1	0	1	1	0	1	0	0	0	0	0	0
110. Uterus	0	2	2	0	2	2	0	1	1	0	1	1
112. Breast	0	3	3	0	0	0	0	0	0	0	0	0
113. Prostate	2	0	2	0	0	0	0	0	0	0	0	0
115. Male and Female Urinary Organs	1	1	2	0	0	0	0	0	0	0	0	0
117. Brain and Nervous System	1	1	2	0	0	0	0	0	0	0	0	0
118. Bones	2	0	2	0	0	0	0	0	0	0	1	1
119. Other and Unspecified Organs	0	2	2	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 2	17	17	34	4	3	7	1	1	2	2	2	4
(3) RHEUMATISM, DISEASES OF NUTRITION, ETC.												
149. Acute Rheumatic Fever	0	0	0	1	0	1	0	0	0	0	0	0
152. Diabetes	1	3	4	0	0	0	0	0	0	0	1	1
155. Exophthalmic goitre	0	1	1	0	0	0	0	0	0	0	1	1
163. Malnutrition	0	0	0	8	6	14	1	0	1	1	0	1
164. Other General Diseases	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL:GROUP 3	1	4	5	9	6	15	1	0	1	2	2	4
Total C/Forward	25	24	49	51	29	80	6	2	8	12	16	28

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/forward	25	24	49	51	29	80	6	2	8	12	16	28
(4) DISEASES OF THE BLOOD												
Leukaemias -												
207. Leukaemic	1	1	2	0	1	1	0	0	0	0	0	0
214. Other Diseases	0	2	2	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 4	1	3	4	0	1	1	0	0	0	0	0	0
(6) DISEASES OF THE NERVOUS SYSTEM.												
300. Intra-cranial Abscess	0	0	0	1	1	2	0	0	0	0	0	0
302. Pneumococcal Meningitis	0	0	0	0	0	0	0	0	0	0	1	1
303. Oth. Forms of Meningitis	3	0	3	2	0	2	1	0	1	1	1	2
305. Cerebral Haemorrhage	6	9	15	1	0	1	3	0	3	3	2	5
306. Cerebral Embolism and Thrombosis	0	4	4	0	0	0	1	0	1	0	1	1
307. Hemiplegia & Oth. paralysis of unstated origin	1	0	1	1	0	1	0	1	1	0	0	0
308. Mental Disorders and deficiency	1	0	1	3	0	3	0	0	0	0	0	0
309. Epilepsy	1	1	2	2	0	2	0	0	0	0	1	1
315. Others	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 6	13	14	27	10	1	11	5	1	6	4	6	10
Total C/Forward	39	41	80	61	31	92	11	3	14	16	22	38

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	39	41	80	61	31	92	11	3	14	16	22	38
(7) DISEASES OF THE CIRCULATORY SYSTEM.												
351. Other Pericarditis	1	0	1	0	0	0	0	0	0	0	0	0
352. Acute Endocarditis	0	1	1	0	0	0	0	0	0	0	0	0
353. Valvular Disease-Rheumatic	1	1	2	0	1	1	2	1	3	0	0	0
354. Valvular Disease-Other Forms	2	0	2	1	1	2	1	0	1	0	0	0
355. Acute Myocarditis	0	1	1	0	0	0	0	0	0	1	0	1
356. Chronic Myocarditis specified as Rheumatic	2	2	4	0	0	0	0	0	0	1	0	1
357. Other Chronic Myocarditis	13	5	18	1	1	2	0	0	0	1	0	1
358. Diseases of the coronary arteries and angina pectoris	27	17	44	3	0	3	0	0	0	2	0	2
359. Heart disease specified as Rheumatic	0	0	0	0	1	1	0	0	0	1	0	1
360. Other Heart Diseases not specified as Rheumatic	16	5	21	2	4	6	3	1	4	2	2	4
362. Arterio sclerosis	5	1	6	0	2	2	1	0	1	0	0	0
363. Gangrene (including cancrum oris)	0	0	0	0	0	0	0	0	0	1	0	1
365. Diseases of the veins	0	1	1	0	0	0	0	0	0	0	0	0
367. High Blood Pressure	4	4	8	1	2	3	3	0	3	3	1	4
TOTAL : GROUP 7	71	38	109	8	12	20	10	2	12	12	3	15
Total C/Forward	110	79	189	69	43	112	21	5	26	28	25	53

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	110	79	189	69	43	112	21	5	26	28	25	53
(8) DISEASES OF THE RESPIRATORY SYSTEM.												
401. Diseases of the Larynx	0	0	0	0	0	0	0	0	0	1	0	1
402. Acute Bronchitis	0	2	2	2	0	2	0	0	0	1	2	3
403. Chronic Bronchitis	2	0	2	4	0	4	0	0	0	0	0	0
404. Broncho Pneumonia	4	1	5	14	10	24	1	2	3	7	3	10
405. Lobar Pneumonia	2	0	2	6	3	9	0	0	0	6	2	8
406. Pneumonia Unspecified	1	0	1	4	1	5	0	2	2	0	0	0
407. Empyema	0	0	0	1	0	1	0	0	0	0	0	0
409. Haem. Infarction of lungs etc.	2	1	3	0	0	0	0	0	0	1	1	2
410. Chronic or Unspecified congestion of the lungs	0	0	0	1	0	1	0	0	0	0	0	0
411. Asthma	0	1	1	0	1	1	1	0	1	3	0	3
417. Abscess of Lung	0	0	0	1	0	1	0	0	0	0	0	0
418. Other Diseases of Respiratory System not specified as occupational	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 8	11	5	16	33	16	49	2	4	6	19	8	27
Total C/Forward	121	84	205	102	59	161	23	9	32	47	33	80

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	121	84	205	102	59	161	23	9	32	47	33	80
(9) DISEASES OF THE DIGESTIVE SYSTEM.												
455. Ulcers of the Stomach	1	0	1	0	0	0	0	0	0	1	0	1
456. Ulcers of the Duodenum	1	0	1	0	0	0	0	0	0	0	0	0
458. Diarrhoea and Enteritis (under 2 years)	0	1	1	9	9	18	1	2	3	5	3	8
459. Diarrhoea and Enteritis (over 2 years)	0	1	1	2	2	4	0	0	0	2	2	4
461. Appendicitis	1	0	1	0	0	0	0	0	0	0	0	0
463. Intestinal obstruction	1	2	3	1	0	1	0	0	0	0	1	1
464. Diverticulitis	0	1	1	0	0	0	0	0	0	0	0	0
467. Cirrhosis of Liver without alcoholism	1	1	2	0	0	0	0	0	0	0	0	0
469. Oth. dis. of Liver	0	1	1	0	0	0	0	0	0	0	0	0
470. Biliary Calculi	0	1	1	0	0	0	0	0	0	0	0	0
473. Peritonitis without stated cause	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL : GROUP 9	5	8	13	12	11	23	1	2	3	9	6	15
Total C/Forward	126	92	218	114	70	184	24	11	35	56	39	95

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	126	92	218	114	70	184	24	11	35	56	39	95
10) DISEASES OF THE URINARY AND GENITAL SYSTEMS												
500. Acute Nephritis	0	0	0	1	0	1	0	0	0	0	0	0
501. Chronic Nephritis	0	1	1	0	0	0	1	0	1	2	2	4
503. Pyelitis	0	0	0	0	0	0	0	0	0	0	1	1
504. Oth. Dis. of Kidneys and Ureters	0	0	0	0	1	1	0	0	0	0	0	0
505. Calculi of Urinary Passages	1	0	1	0	0	0	0	0	0	0	0	0
507. Oth. Dis. of the bladder	1	0	1	0	0	0	0	0	0	0	0	0
509. Hypertrophy Prostate	0	0	0	1	0	1	1	0	1	0	0	0
510. Others	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 10	3	1	4	2	1	3	2	0	2	2	3	5
(11) DISEASES OF PREGNANCY.												
558. Eclampsia of Pregnancy	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : GROUP 11	0	0	0	0	0	0	0	0	0	0	1	1
(12) DISEASES OF THE SKIN AND CELLULAR TISSUE.												
601. Cellulitis	1	0	1	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 12	1	0	1	0	1	1	0	0	0	0	0	0
Total C/Forward	130	93	223	116	72	188	26	11	37	58	43	101

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	130	93	223	116	72	188	26	11	37	58	43	101
(14) CONGENITAL MALFORMATIONS.												
700. Congenital Hydrocephalus	0	0	0	0	0	0	0	0	0	1	0	1
704. Congenital Pyloric Stenosis	0	0	0	0	0	0	1	0	1	0	0	0
709. Unspecified congenital malformations	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 14	1	0	1	0	0	0	1	0	1	1	0	1
(15) DISEASES PECULIAR TO THE FIRST YEAR OF LIFE.												
750. Congenital Debility	0	0	0	2	0	2	0	0	0	0	2	2
751. Premature Birth	4	3	7	6	10	16	3	2	5	6	4	10
752. Injury at birth - intra-cranial haemorrhage	0	0	0	1	2	3	0	0	0	1	1	2
753. Other birth injuries	1	0	1	0	0	0	0	0	0	0	0	0
754. Asphyxia during or after birth	2	1	3	0	0	0	0	0	0	0	1	1
758. Other specified diseases	1	0	1	2	0	2	0	0	0	0	0	0
TOTAL : GROUP 15	8	4	12	11	12	23	3	2	5	7	8	15
(16) SENILITY												
800. Senility (age 65 and over)	5	8	13	2	0	2	0	0	0	3	0	3
TOTAL : GROUP 16	5	8	13	2	0	2	0	0	0	3	0	3
Total C/Forward	144	105	249	129	84	213	30	13	43	69	51	120

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	144	105	249	129	84	213	30	13	43	69	51	120
(17) VIOLENT OR ACCIDENTAL DEATHS.												
850. Suicide by corrosive substances	1	0	1	0	0	0	0	0	0	0	0	0
858. Firearms and explosives	1	0	1	0	0	0	0	0	0	0	0	0
860. Jumping from high places	0	1	1	0	0	0	0	0	0	0	0	0
865. Homicide by firearms - ages 1yr. and over.	1	0	1	0	0	0	0	0	0	0	0	0
866. Homicide by cutting or piercing instruments	0	0	0	2	0	2	0	0	0	0	0	0
867. Homicide by other or unspecified means	0	0	0	2	0	2	0	0	0	0	0	0
868. Accidents on Railways	0	0	0	1	0	1	0	0	0	0	0	0
870. Collisions with trams, trolley-buses	0	0	0	2	0	2	0	0	0	0	0	0
871. Other accidents (Motor-driven Road Vehicles)	4	0	4	1	1	2	0	0	0	0	0	0
874. Other Accidents (Motor-driven cycles)	1	0	1	1	0	1	0	0	0	0	1	1
891. Accidental burns	0	0	0	0	0	0	0	0	0	0	1	1
896. Accidental injury by fall	2	1	3	0	0	0	0	0	0	1	0	1
897. Accidental injury by land-slide or other crushing	0	0	0	1	0	1	0	0	0	0	0	0
906. Anaesthetic accidents	0	0	0	0	1	1	0	0	0	1	0	1
908. Other & Unspec. Accidents	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP 17	10	2	12	11	2	13	0	0	0	2	2	4
(18) ILL-DEFINED CAUSES OF DEATH.												
951. Ill-defined causes	0	1	1	1	0	1	0	0	0	0	1	1
952. Found dead, cause unknown	Female subject - race and age unknown											
953. Other deaths from unknown or unspecified causes	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 18	1	1	2	1	0	1	0	0	0	0	1	1
TOTAL	155	108	263	141	86	227	30	13	43	71	54	125

INFANTILE MORTALITY.

(Under 1 Year)

CAUSES OF DEATH

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
01. Typhoid Fever	0	0	0	1	1	2	0	0	0	0	0	0	0	1	1
15. Pulmonary Tuberculosis	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
16. T.B. of Central Nervous System	0	0	0	0	1	1	1	0	1	0	0	0	1	1	2
27. Purulent infection & Septicaemia (non puerperal)	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
43. Congenital Syphilis	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
63. Malnutrition	0	0	0	4	5	9	0	0	0	0	0	0	4	5	9
64. Other general diseases	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
02. Meningitis - Pneumococcal	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
03. Meningitis - other forms	1	0	1	0	0	0	0	0	0	0	1	1	0	1	1
52. Acute Endocarditis (excluding rheumatic endocarditis)	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
60. Oth. Dis. of the heart not specified as rheumatic	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
02. Acute Bronchitis	0	0	0	2	0	2	0	0	0	1	1	2	3	1	4
03. Chronic Bronchitis	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
04. Broncho Pneumonia	0	0	0	8	6	14	1	1	2	3	1	4	12	8	20
05. Lobar Pneumonia	0	0	0	3	2	5	0	0	0	2	0	2	5	2	7
06. Pneumonia unspec. incl. congestion of lungs	1	0	1	1	0	1	0	1	1	0	0	0	1	1	2
17. Abscess of Lung	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
58. Diarrhoea & Enteritis (under 2 yrs.)	0	0	0	6	7	13	1	1	2	3	2	5	10	10	20
63. Intestinal obstruction	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
04. Congenital pyloric stenosis	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
09. Unspec. congenital malformations	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
50. Congenital debility	0	0	0	1	0	1	0	0	0	0	2	2	1	2	3
51. Premature Birth	4	3	7	5	10	15	3	2	5	6	4	10	14	16	30
52. Intra-cranial or spinal haemorrhage	0	0	0	1	2	3	0	0	0	1	1	2	2	3	5
53. Other birth injuries	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54. Asphyxia, Atelectasis	2	1	3	0	0	0	0	0	0	0	1	1	0	1	1
58. Oth. specified dis.	1	0	1	2	0	2	0	0	0	0	0	0	2	0	2
06. Anaesthetic accidents	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2
TOTAL :	11	5	16	37	35	72	7	5	12	19	18	37	62	58	120

INFANTILE MORTALITY.

RESIDENTS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
During 1st Week	9	3	12	8	6	14	2	1	3	7	4	11	17	11	28
1st Week - 3 Weeks	0	1	1	5	7	12	0	2	2	2	0	2	6	9	15
1 Month - 2 Months	0	0	0	4	8	12	3	0	3	4	4	8	11	12	23
3 Months - 5 Months	1	0	1	8	5	13	0	2	2	5	8	13	13	15	28
6 Months - 8 Months	0	0	0	6	4	10	2	0	2	1	2	3	9	6	15
9 Months - 11 Months	1	1	2	6	5	11	0	0	0	0	0	0	6	5	11
TOTAL :	11	5	16	37	35	72	7	5	12	19	18	37	62	58	120

INFANTILE MORTAILRY RATES.

(DEATHS PER 1,000 BIRTHS)

	EUROPEAN	NATIVE	COLOURED	ASIATIC.
During 1st Week	12 : 17.9	14 : 53.2	3 : 27.8	11 : 16.4
1 Week - 3 Weeks	1 : 1.5	12 : 45.6	2 : 18.4	2 : 3.0
1 Month - 2 months	0 : 0	12 : 45.6	3 : 27.8	8 : 12.0
3 Months - 5 months	1 : 1.5	13 : 49.4	2 : 18.4	13 : 19.4
6 Months - 8 months	0 : 0	10 : 38.0	2 : 18.4	3 : 4.5
9 Months - 11 months	2 : 3.0	11 : 41.8	0 : 0	0 : 0
Infantile Mortality Rate.	16 : 23.9	72 : 273.8	12 : 110.1	37 : 55.3

PERCENTAGE OF DEATHS AT ALL AGES OCCURRING IN THE FIRST YEAR OF LIFE.

European	:	6.1%
Native	:	31.7%
Coloured	:	28%
Asiatic	:	29.6%
All Non-European	:	30.3%
All Races	:	20.7%

INFANTILE DEATHS FROM VARIOUS CAUSES EXPRESSED AS A PERCENTAGE OF ALL INFANTILE DEATHS.

	EUROPEAN		NATIVE		COLOURED		ASIATIC		ALL NON-EUR.	
	No.	%	No.	%	No.	%	No.	%	No.	%
Malnutrition	0	0.0	9	12.5	0	0.0	0	0.0	9	7.5
Tuberculosis (All forms)	0	0.0	1	1.4	1	8.3	1	2.7	3	2.5
Gastro-Intestinal Infections	0	0.0	13	18.0	2	1.7	5	13.5	20	16.7
Bronchitis & Pneumonia	1	6.25	24	33.3	3	25.0	8	21.6	35	29.2
Malformations	1	6.25	0	0.0	1	8.3	0	0.0	2	1.7
Congenital Debility	0	0.0	1	1.4	0	0.0	2	5.4	3	2.5
Prematurity	7	43.75	15	21.25	5	41.5	10	27.0	30	25.0
Injury at Birth	1	6.25	3	4.25	0	0.0	2	5.4	5	4.2
Convulsions	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Whooping cough	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis	0	0.0	0	0.0	0	0.0	1	2.7	1	0.8
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other specified Causes	6	37.5	6	8.5	0	0.0	8	21.6	20	16.7
Ill-defined Causes	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	16		72		12		37		120	

PULMONARY TUBERCULOSIS.

DEATHS IN MONTHS OF THE YEAR.

RESIDENTS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	2	1	3	0	0	0	0	1	1	2	2	4
August	1	0	1	1	0	1	0	0	0	1	0	1	2	0	2
September	0	0	0	2	0	2	1	0	1	3	1	4	6	1	7
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	4	0	4	0	0	0	0	0	0	4	0	4
December	0	0	0	1	3	4	0	0	0	0	1	1	1	4	5
January	0	1	1	2	0	2	0	0	0	0	1	1	2	1	3
February	0	1	1	1	1	2	0	0	0	0	1	1	1	2	3
March	0	0	0	2	1	3	1	0	1	0	0	0	3	1	4
April	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
May	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
June	0	0	0	1	2	3	1	0	1	1	0	1	3	2	5
TOTAL :	1	2	3	19	8	27	3	0	3	5	5	10	27	13	40

PULMONARY TUBERCULOSIS DEATH RATES PER 1,000 POPULATION.

European	:	0.11
Native	:	1.53
Coloured	:	0.97
Asiatic	:	0.87
All Non-European	:	1.24
All Persons	:	0.72

DEATHS IN AGE GROUPS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL Non-Eur		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
- 1 year	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
- 2 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
- 4 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 14 years	0	0	0	0	3	3	0	0	0	0	0	0	0	3	3
- 24 years	0	0	0	1	0	1	1	0	1	3	1	4	5	1	6
- 34 years	0	0	0	2	0	2	0	0	0	1	2	3	3	2	5
- 44 years	0	0	0	7	1	8	1	0	1	0	1	1	8	2	10
- 54 years	0	0	0	7	1	8	1	0	1	1	0	1	9	1	10
- 64 years	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
- 74 years	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
and over	0	2	2	0	1	1	0	0	0	0	0	0	0	1	1
AL :	1	2	3	19	8	27	3	0	3	5	5	10	27	13	40

NON-PULMONARY TUBERCULOSIS.

DEATHS IN MONTHS OF THE YEAR.

RESIDENTS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
January	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
TOTAL :	1	0	1	1	2	3	1	0	1	0	2	2	2	4	6

DEATH RATE PER 1,000 POPULATION.

European	:	0.04
Native	:	0.17
Coloured	:	0.32
Asiatic	:	0.17
All Non-European	:	0.18
ALL PERSONS	:	0.12

DEATHS IN AGE GROUPS.

RESIDENTS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	0	1	1	1	0	1	0	0	0	1	1	2
1 - 2 years	0	0	0	0	1	1	0	0	0	0	2	2	0	3	3
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 34 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
35 - 44 years	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
45 - 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 - 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 74 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ;	1	0	1	1	2	3	1	0	1	0	2	2	2	4	6

C A N C E R.

DEATHS IN AGE GROUPS.

RESIDENTS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 34 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
35 - 44 years	3	1	4	0	2	2	0	0	0	0	0	0	0	2	2
45 - 54 years	1	2	3	3	1	4	0	0	0	1	0	1	4	1	5
55 - 64 years	4	5	9	0	0	0	1	1	2	1	0	1	2	1	3
65 - 74 years	4	8	12	1	0	1	0	0	0	0	0	0	1	0	1
75 & over	5	1	6	0	0	0	0	0	0	0	1	1	0	1	1
TOTAL :	17	17	34	4	3	7	1	1	2	2	2	4	7	6	13

DEATH RATES PER 1,000 POPULATION.

European	:	1.22
Native	:	0.40
Coloured	:	0.65
Asiatic	:	0.35
All Non-European	:	0.40

ALL PERSONS : 0.78

FORMS OF CANCER CAUSING DEATHS GIVEN IN AGE GROUPS.

RESIDENTS ONLY

	0 - 24				25 - 44				45 - 64				65 & Over			
	Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cancer of:-																
100. Buccal Cavity	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
102. Stomach & Duodenum	0	0	0	0	1	0	0	0	0	1	0	1	4	0	0	0
103. Rectum	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
104. Liver	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	0
105. Pancreas	0	0	0	0	0	0	0	0	1	0	3	0	1	0	1	0
106. Other digestive organs (incl. peritoneum)	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
109. Lung	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
110. Uterus	0	0	0	0	0	0	0	2	0	1	0	1	0	1	0	1
112. Breast	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
113. Prostate	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
115. Male & Female Urinary organs	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
117. Brain & oth. parts of Nervous System	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
118. Bones	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
119. Oth. & Unspec. organs	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
TOTAL :	0	0	0	0	3	1	0	3	5	7	6	2	9	9	1	1

DEATHS DUE TO BRONCHITIS AND PNEUMONIA.

(Code Nos. 402 - 406)

RESIDENTS : (Given in months of the Year)

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	2	1	3	5	1	6	0	1	1	1	0	1	6	2	8
August	4	0	4	3	2	5	0	0	0	1	0	1	4	2	6
September	0	0	0	2	0	2	0	2	2	2	1	3	4	3	7
October	2	0	2	2	0	2	0	0	0	1	0	1	3	0	3
November	0	0	0	2	1	3	1	0	1	0	0	0	3	1	4
December	0	1	1	4	1	5	0	1	1	2	1	3	6	3	9
January	0	1	1	1	1	2	0	0	0	1	0	1	2	1	3
February	1	0	1	2	2	4	0	0	0	1	0	1	3	2	5
March	0	0	0	2	1	3	0	0	0	1	1	2	3	2	5
April	0	0	0	4	1	5	0	0	0	2	2	4	6	3	9
May	0	0	0	2	2	4	0	0	0	2	0	2	4	2	6
June	0	0	0	1	2	3	0	0	0	0	2	2	1	4	5
TOTAL :	9	3	12	30	14	44	1	4	5	14	7	21	45	25	70

RESIDENTS : (GIVEN IN AGE GROUPS).

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	1	0	1	16	8	24	1	2	3	6	2	8	23	12	35
1 - 2 years	1	0	1	4	4	8	0	1	1	4	3	7	8	8	16
2 - 4 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
5 - 14 years	0	0	0	0	0	0	0	0	0	2	0	2	22	0	2
15 - 24 years	0	0	0	1	0	1	0	1	1	1	0	1	2	1	3
25 - 34 years	0	0	0	2	1	3	0	0	0	0	0	0	2	1	3
35 - 44 years	1	0	1	3	0	3	0	0	0	0	1	1	3	1	4
45 - 54 years	0	1	1	3	1	4	0	0	0	0	0	0	3	1	4
55 - 64 years	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
65 - 74 years	3	1	4	1	0	1	0	0	0	0	0	0	1	0	1
75 & Over	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	9	3	12	30	14	44	1	4	5	14	7	21	45	25	70

Bronchitis	2	2	4	6	0	6	0	0	0	1	2	3	7	2	9
Pneumonia	7	1	8	24	14	38	1	4	5	13	5	18	38	23	61
TOTAL :	9	3	12	30	14	44	1	4	5	14	7	21	45	25	70

DEATH RATES PER 1,000 POPULATION.

BRONCHITIS : Code Nos. 402 - 403

European	0.14
Native	0.34
Coloured	-
Asiatic	0.26
All Non-European	0.28
All Persons	0.22

PNEUMONIA : Code Nos. 404 - 406

European	0.29
Native	2.15
Coloured	1.62
Asiatic	1.57
All Non-European	1.90
All Persons	1.15

DISEASES OF THE HEART AND CIRCULATORY SYSTEM.

(Code Nos. 350 - 368)

DEATHS IN AGE GROUPS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	1	1	0	0	0	0	0	0	0	1	1	0	1	1
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
15 - 24 years	1	0	1	0	0	0	0	1	1	2	1	3	2	2	4
25 - 34 years	3	0	3	1	1	2	0	0	0	1	0	1	2	1	3
35 - 44 years	2	0	2	1	2	3	0	1	1	2	0	2	3	3	6
45 - 54 years	7	1	8	3	3	6	2	0	2	1	0	1	6	3	9
55 - 64 years	19	6	25	1	4	5	2	0	2	2	0	2	5	4	9
65 - 74 years	17	11	28	2	0	2	3	0	3	2	1	3	7	1	8
75 and over	22	19	41	0	2	2	2	0	2	2	0	2	4	2	6
TOTAL :	71	38	109	8	12	20	10	2	12	12	3	15	30	17	47

DEATH RATE (PER 1,000 POPULATION)

European	:	3.90
Native	:	1.13
Coloured	:	3.89
Asiatic	:	1.31.
All Non-European	:	1.46
All Persons	:	2.60

DEATHS DUE TO DIARRHOEA AND ENTERITIS

(Under age of 2 years)

(Code No. 458).

RESIDENTS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
August	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
September	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
October	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
November	0	1	1	4	2	6	1	0	1	0	1	1	5	3	8
December	0	0	0	0	2	2	0	0	0	2	0	2	2	2	4
January	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
February	0	0	0	1	2	3	0	1	1	1	0	1	2	3	5
March	0	0	0	2	0	2	0	0	0	0	1	1	2	1	3
April	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
May	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
June	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
TOTAL :	0	1	1	9	9	18	1	2	3	5	3	8	15	14	29

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC FEVER AND TUBERCULOSIS.

	Notifications of Enteric Fever	Deaths from Tuberculosis
P.M. Burg Central	7	28
Zwartkop Valley	0	1
Wembley	1	1
Scottsville (in water supply area)	1	1
Scottsville (outside water supply area)	0	0
Mountain Rise	1	2
Pentrich (in water supply area)	0	2
Pentrich (outside water supply area	0	0
Chase and Town Bush Valleys	0	2
Sobantu Village	1	13
Hathorn's Hill	3	0
Asiatic Housing Scheme	0	0
No fixed abode	0	0
TOTAL :	14	50

TUBERCULOSIS CLINIC

July 1st, 1949 to June 30th, 1950.

	European				Native				Coloured				Asiatic				Total			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
New Cases	36	47	7	6	71	33	72	22	29	18	9	4	119	63	47	16	225	161	135	48
Total attendances	127	86	17	5	156	65	178	40	108	83	31	27	434	110	119	20	825	344	345	92
Sputa Examined	16	3	3	-	6	3	6	-	1	1	-	-	22	2	-	-	45	9	9	-
Sputa Positive	4	-	1	-	-	-	1	-	-	1	-	-	4	-	-	-	8	1	2	-
X-ray Examinations	61	74	18	7	87	56	72	26	31	35	18	8	196	84	58	18	375	249	166	59
" Positive	15	6	3	1	19	8	19	11	8	7	1	5	50	12	14	4	92	33	37	21
Positive Diagnosis made	3	1	-	-	5	2	2	1	-	-	-	-	5	-	1	1	1	-	1	-
Admitted to Hospital from Clinic	-	-	1	1	2	2	1	-	-	-	-	-	3	-	-	-	5	2	1	-
Contacts Examined	7	15	2	2	1	4	-	-	2	2	-	-	29	33	3	8	39	54	5	10

	EUROPEAN	NATIVE	COLOURED	ASIATIC	TOTAL
Home Visits to Tuberculotics and their contacts (Borough cases only	407	1,487	184	586	2,664

VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1950.

EUROPEAN (for key) (see page 57)	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Oth. Clinics				D Undergoing Course II of treatment				E Undergoing Course III of treatment				F Undergoing Course IV of treatment				G Undergoing Course V of treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	R	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	1				1				5				2				4				3								39			
2													3				10				9				2				30			
3					1	1																3							8	18		
4													1																15	24		
5										1															4				18	16		
6																														1		
7					1																								2			
8																													11			
9					7	2			2																				29	11		1
10																																
11																																
12																																
13																																
14																																
15						1																								1		
16																																
17					1	1				1																			3	3		
18									1																				4	1		
Total :	1				11	5			8	2			6				14				12	3			6				159	75		1

19 Discharged on Probation. Borough : Males 9 Females 12 Out-of-Borough : Males 0 Females : 1

20. Discharged Finally " : Males 2 Females 0 " : Males 0 Females : 0

VENEREAL DISEASE. Cont'd

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1950.

NATIVE (For Key) (see page) 57	A Transferred to Hospital				B New Cases				C Transferred From Hospital & Oth. Clinics				D Undergoing Course II of Treatment				E Undergoing Course III of Treatment				F Undergoing Course IV of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	1				5	1		4	47	4	12	6	193	19	12	15	227	24	3	2	201	26	1	1	19				904	101	72	50
2	5	1	2	3	11	2	4	5	95	13	31	32	456	38	41	24	279	23	21	4	169	16	1	8	71	5	4		1505	171	162	145
3	8	6	4	12	15	7	4	9	113	68	57	98	707	352	104	267	420	193	23	144	420	120	29	78	228	101	23	46	2507	1254	369	906
4			2		1			1	2	4	5	1	31	12		11	20	5			6	3		4	46	125		66	126	52	22	25
5				1	42	32	8	30	50	104	10	105	643	487	75	220	438	297	43	117	330	157	19	107	287	6	16		2685	2172	332	1343
6				3							1	1										4	1			3				4	4	6
7			3		6	4	13	11	8	3	13	14	53	7	20	10	10	14	21	12	1	13	6	4	4			4	186	101	188	119
8			2	1			1	2	2	2	3	4		14			5	11				26							8	72	10	17
9					6	6	2	1	29	9	4	6	12	3	1	5													167	49	27	45
10																																
11											1																				3	
12							1		1				6																13		2	
13									1				8																56	2		
14												1																			2	7
15					2	1	1		15	4	4	3	9																83	13	17	8
16																																
17	1	1	3		64	44	17	60	30	35	15	35	7	4	5	7													252	245	101	280
18	1					2	7		13	4	15	5	25	3	3	1													56	31	65	13
TOTAL:	16	8	16	20	152	99	58	123	406	250	171	311	2150	939	261	560	1399	567	111	279	1127	365	57	202	655	240	43	116	8556	4267	1376	2964

19 Discharged on Probation : Borough : Male 430 Female 182 O/Borough : Male 118 Female 178

20 Discharged Finally : " " 70 " 39 " : " 18 " 34

VENEREAL DISEASE. Cont'd.

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1950.

COLOURED (for Key) (see page) 57	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Oth. Clinics				D Undergoing Course II of Treatment				E Undergoing Course III of Treatment				F Undergoing Course IV of Treatment				G Undergoing Course V of Treatment				H Total attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1									1				8	6	3		7				1	10		1	3	2		7	26	18	8	9
2										3			35	8	1	1	5	10				7		3					42	29	1	5
3										1	3	2	14	4	4		9	3	10		4	2	4		3				36	10	33	9
4					1	1							11				3				1					3			24	11		
5					1	3			2	1	2	1	11	26	9	15	13	6		11	12	12		30	13	13	12	2	63	153	36	87
6																																
7					1	1			4					4			4												26	19		
8						1		1		1		1		18				14				1								50		4
9																													3	25	1	
10																																
11																																
12																													7			
13																																
14																																
15																															1	
16																																
17					2	3	1		1	2		2																	11	24	2	7
18									2	1																			4	6		
TOTAL					5	9	1	1	10	9	5	6	79	66	17	16	41	33	10	11	18	32	4	34	19	18	12	9	242	345	82	121

19. Discharged on Probation. Borough : Male 16 Female 21 O/Borough : Male 4 Female 11

20. Discharged Finally Cured. Borough : Male 0 Female 2 O/Borough : Male 0 Female 0

VENEREAL DISEASE. Cont'd

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1950.

ASIATIC (For key) (See Page) 57	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Oth.Clinics				D Undergoing Course II of Treatment				E Undergoing Course III of Treatment				F Undergoing Course IV of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1						1				1	1			10		11	6	11	1	4	14	9	1	3		1		1	22	46	5	23
2									2				20				21		11	2	4	1			1	2			82	6	14	6
3			1		2	1	2		3	1	2	1	14	6	2	4	4	27	1		8	6							81	52	15	14
4									1	1											2		3		11		8		17	2	11	
5					2	3	1	1		6	1	5	1	28	2		4	22	5		21	3			14	47		1	47	214	17	26
6														9																		1
7					1		1		2																	11			21	23	3	2
8									3		1										3				4	2			13	20	6	
9					2				2	1																			20	6	8	1
10																																
11																													2			
12																																
13																															2	1
14																																
15												1																		3		2
16																																
17					7	6	1	1	3	5	3	2																	34	35	7	5
18					1	2			1	2																			5	6		2
TOTAL			1		15	13	5	2	17	17	8	9	35	53	4	15	35	60	18	6	52	19	4	3	30	63	8	2	344	413	88	83

19. Discharged on Probation. Borough : Male 29 Female 40 O/Borough : Male 6 Female 3

20. Discharged Finally Cured . Borough : Male 7 Female 5 O/Borough : Male 3 Female 3

V.D. CLINIC DEFAULTER INVESTIGATIONS.

(Part Year Only).

	EUROPEAN		NATIVE		COLOURED		ASIATIC	
	M	F	M	F	M	F	M	F
TOTAL DEFAULTERS INVESTIGATED	10	5	55	53	4	11	12	17
UNABLE TO TRACE	3	1	17	24	3	-	1	5
REFUSED TO RETURN	1	1	-	2	1	-	-	2
RETURNED TO CLINIC	6	3	38	27	-	10	11	11
RETURNED TO CLINIC								
A. Voluntarily								
1) For treatment	-	-	-	-	-	-	-	-
2) Because of relapse	-	-	-	-	-	-	-	-
3) Because of new infection	-	-	-	-	-	1	-	-
B. At Request of Health Visitor or Native Health Assistant.								
1) Following personal visits - No. of visits	7	3	41	38	-	12	14	14
2) Following letters - No. of letters	-	-	-	-	-	-	1	-
3) Following telephone calls - No. of calls	-	-	-	-	-	-	-	-
4) Traced through Pass Office Records	-	-	-	-	-	-	5	1
5) Following accidental encounter	-	-	-	-	-	-	-	-
C. Supplementary Visits by Health Visitor (in case of Native Health Assistants).								
1) Defaulter visited.	-	-	-	-	-	-	-	-
2) Employer telephoned	-	-	-	-	-	-	1	2
3) Employer visited.	-	-	-	-	-	-	-	2
REASONS FOR DEFAULTING.								
No reason	2	2	1	9	24	6	6	4
Unable to pay transport	-	-	-	-	-	-	-	1
Left City	2	-	9	-	-	1	-	-
Illness	1	-	1	5	-	2	3	5
Hours of work prevent attendance								
Prefer morning clinic	1	-	-	-	-	-	-	-
Prefer evening clinic	-	-	-	-	-	-	3	-
Prefer afternoon clinic	-	-	-	-	-	-	-	-
Prefer Saturday morning clinic	-	-	-	-	-	-	-	-
Thought himself cured	-	1	-	2	-	-	2	3

/Races .....

V.D. CLINIC DEFAULTER INVESTIGATIONS. Cont'd.

REASONS FOR DEFAULTING. Cont'd.	EUROPEAN		NATIVE		COLOURED		ASIATIC	
	M	F	M	F	M	F	M	F
Races not separated enough at Clinic	-	-	-	-	-	-	-	-
Clinic not private enough	-	-	-	-	-	-	-	-
*Other reasons	1	-	1	3	-	-	-	1

* A.F. - Domestic conditions strained.

N.F. - School child and nobody to bring her to clinic.

N.F. - Did not want to speak to employer.

EPIDEMIC (V.D.) HOSPITAL RETURNS.

YEAR ENDING 30th JUNE, 1950.

NATIVES (For Key (SEE PAGE) 57	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after Treatment of Duration. D 0 - 14 Days				E 15 - 28 Days				F 29 - 42 Days				G 43 - 56 Days				H 57 + Days			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	3		5	1	3		2		40	2	60	16	36	2	39	14	7		21	2			1				2					
2	3		2	1	7		6		79	11	152	47	62	12	92	25	25	1	59	16	1		4		1							
3	8	2	19	21	6		7		103	84	315	453	75	44	195	287	38	51	125	159	4	2	6	3	2		3	1	1		1	
4										1	4	4		1	3	4				4			1									
5				1			1		6	6	16	51	4	5	15	33	3		2	12												
6												2		1		4				1												
7				1					3	2	36	26	1		22	15	2	5	14	11												
8				2						1	3	16			3	9		1	4	8												
9	1		3		2		2		5	5	74	34	8	5	65	28	5	1	8	5			2	1			1					
10												3	1																			
11											7	4			8	3				1												
12			1		1				3		5		4		3		1		3													
13												1				1																
14										1		1		1		1																
15	2	1		2	2		2		17	5	41	17	11	3	25	8	8	2	11	7			2	1			1					
16																					1											
17			3	5	1				14	15	94	95	15	18	74	73		3	19	16								1				

No. of admissions during Year.

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of individuals admitted during year.	321	132	797	764
No. of individuals discharged etc. during year	334	129	806	769

	Bor. Male	Bor. Fem.	O/B Male	O/B Fem.
No. of Patients suffering from 2 or more Venereal Diseases.	17	2	34	11

EPIDEMIC (V.D.) HOSPITAL RETURNS
YEAR ENDING 30th JUNE, 1950.

COLOURED (For Key) (See Page) 57	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after Treatment of Duration: 0 - 14 Days D				15 - 28 Days E				29-42 Days F				43 - 46 Days G				57 + Days H			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1									1	1	1		1	1																		
2										1				1																		
3									2	1	1	3	2	1	1	2																
4																																
5																			1													
6																																
7																																
8																																
9									2		1		2						1													
10																																
11																																
12																																
13																																
14																																
15									1		2		1						2													
16																																
17											2				1	1																

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of individuals admitted during the year	6	3	7	3
No. of individuals admitted during the year	6	3	6	3

	Borough Male	Borough Female	O/Borough Male	O/Borough Female
No. of Patients suffering from 2 or more Venereal Diseases	1	-	2	-

VENEREAL DISEASE. Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS
YEAR ENDING 30th JUNE, 1950.

ASIATICS (For Key) (See Page) 57	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after treatment of Duration: 0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1											1				1																	
2									1				1																			
3									3	1	2	1	3		1			1	1	1												
4																																
5									1				1																			
6									1																							
7												1								1												
8									1				1																			
9									1		1		1		1																	
10																																
11																																
12																																
13																																
14																																
15										1	1			1																		
16																																
17									1				1																			

	Borough Male	Borough Female	O/Borough Male	O/Borough Female
No. of individuals admitted during the year	9	2	5	2
No. of individuals Discharged during the year	8	2	4	2

	Borough Male	Borough Female	O/Borough Male	O/Borough Female
No. of Patients suffering from 2 or more Venereal Diseases	2	0	0	0

VENEREAL DISEASE. Cont'd.

KEY TO VENEREAL DISEASE CLINIC AND HOSPITAL RETURNS.

1. Seronegative Primary Syphilis.
2. Seropositive Primary Syphilis.
3. Secondary Syphilis.
4. Tertiary Syphilis (clinical).
5. Endosyphilis (Serological).
6. Neurosyphilis.
7. Congenital Syphilis under 1 year.
8. Congenital Syphilis over 1 year.
9. Gonorrhoea.
10. Gonococcal Vulvo Vaginitis.
11. Gonococcal Ophthalmia.
12. Ulcus Molle.
13. Lymphopathia Venereum.
14. Granuloma Venereum.
15. Venereal Warts.
16. Phagedaena.
17. Suspected Venereal Disease which proved Non-Venereal.
18. Suffering from 2 or more Venereal Diseases.

DAILY AVERAGE OF IN-PATIENTS AT MUNICIPAL EPIDEMIC HOSPITAL.

(Non-European Venereal Diseases).

MALE : 42 FEMALE : 34 TOTAL : 76

VENEREAL DISEASE HOME VISITS.

European		Native		Coloured		Asiatic		Total.		
M	F	M	F	M	F	M	F	M	F	PERSONS.
32	25	1155	1283	43	120	120	254	1350	1657	3007

VENEREAL DISEASE Cont'd

ANTE-NATAL TREATMENT OF SYPHILIS AT V.D. CLINICS.

YEAR ENDING 30th JUNE, 1950.

	STAGE OF PREGNANCY																							
	1 - 3 Months								4 - 6 Months								7 - 9 Months							
	Eur.		Nat.		Col.		As.		Eur.		Nat.		Col.		As.		Eur.		Nat.		Col.		As.	
	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B
No. of Pregnant women submitted to Serological Test			2	2				1	1		5	10	2		1		1		47	87	4	1	6	5
No. of Positive or Doubtful Reactors			1	1							5	10	1						44	69		1	3	2
No. of those who had previously received treatment			5								1	1					2		20	14	2			1
No. undergoing a First Course of treatment during pregnancy			1								7	1	2		1		2		19	33	2	1	4	2
No. undergoing a 2nd or 3rd course of treatment during pregnancy				1							1								12	7				

ISOLATION HOSPITAL (EUROPEAN)) AND NON-EUROPEAN
INFECTIOUS DISEASES HOSPITAL CASES ADMITTED
JULY 1st, 1949, to JUNE 30th, 1950.

	Borough Cases					Out-of-Borough Cases					Total Cases Borough & Out/ Borough.
	E	N	C	A	Total	E	N	C	A	Total	
Scarlet Fever	24	-	-	-	24	9	-	-	-	9	33
Measles	69	36	-	-	105	10	29	-	1	40	145
Diphtheria	53*	33+	7	6	99	21	128	4	11	164	263
Mumps	7	3	-	-	10	2	1	-	-	3	13
Whooping Cough	10	-	-	-	10	1	7	-	-	8	18
Chicken Pox	22	18	-	-	40	1	6	-	-	7	47
Typhus Fever	-	1	-	-	1	-	3	-	-	3	4
C.S. Fever	1	1	-	-	2	-	7	-	-	7	9
Observation	1	-	-	-	1	-	1	-	-	1	2
Syphilis	1	-	-	-	1	-	-	-	-	-	1
German Measles	6	-	-	-	6	-	3	-	-	3	9
Measles & Whooping Cough	2	-	-	-	2	-	-	-	-	-	2
Measles and Chicken Pox	1	-	-	-	1	-	-	-	-	-	1
Diphtheria and Pulmonary T.B.	-	1	-	-	1	-	-	-	-	-	1
Pulmonary Tuberculosis	1	14	6	15	36	-	13	3	3	19	55
Typhus & Whooping Cough	-	-	-	-	-	1	-	-	-	1	1
Poliomyelitis	3	-	-	-	3	-	4	-	-	4	7
Smallpox	-	1°	-	4	5	-	32	2	10	44	49
Smallpox Contacts	-	-	-	1	1	-	14	-	3	17	18
Vaccinia	-	2	-	-	2	-	2	-	-	2	4
Ringworm	1	-	-	-	1	-	-	-	-	-	1
Urticaria	-	-	-	-	-	-	1	-	-	1	1
Boarder	-	2	-	-	2	-	3	-	-	3	5
TOTAL :	202	112	13	26	353	45	254	9	28	336	689

* Including 3 "Carriers".

\+ Including 1 "Carrier".

° Imported case.

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL.

The following alterations in diagnosis were made following observation in hospital:-

BOROUGH CASES.

In 1 case (Eur.) diagnosis Scarlet Fever altered to Undiagnosed.
In 1 case (Nat.) diagnosis Typhus altered to Syphilis.
In 1 case (Eur.) diagnosis ? Osteitis altered to Syhpilitic Osteitis.
In 3 cases (Eur.) diagnosis Diphtheria altered to Diphtheria Contacts.
In 21 cases (13 Eur., 6 Nat., 1 Col., 1 As.) diagnosis Diphtheria altered to Tonsillitis
In 2 cases (Eur.) diagnosis Diphtheria Carrier altered to Tonsillitis.
In 2 cases (Eur.) diagnosis Diphtheria altered to Diphtheria Carrier.
In 1 case (Eur.) diagnosis Diphtheria altered to Nil Abnormal.
In 1 case (Eur.) diagnosis Diphtheria altered to Epistaxis.
In 3 cases (2 Eur., 1 Nat.) diagnosis Diphtheria altered to Laryngitis.
In 1 case (Eur.) diagnosis Diphtheria altered to Acute Streptococcal Throat.
In 1 case (Eur.) diagnosis Diphtheria altered to Temporary Passive Diphtheria Carrier.
In 2 cases (1 Eur., 1 Nat.) diagnosis Diphtheria altered to Pharyngitis.
In 1 case (Eur.) diagnosis Diphtheria altered to Bronchitis.
In 1 case (Eur.) diagnosis Rubella altered to Measles.
In 1 case (Nat.) diagnosis Chicken Pox altered to Measles.
In 1 case (Eur.) diagnosis Chicken Pox altered to Scabies.
In 2 cases (Eur.) diagnosis Chicken Pox altered to Undiagnosed.
In 1 case (Col.) diagnosis C.S. Meningitis altered to T.B. Meningitis.
In 1 case (Nat.) diagnosis Measles altered to Malnutrition and Pneumonia.
In 1 case (Eur.) diagnosis Measles altered to Tick Bite Fever.
In 1 case (Eur.) diagnosis Measles altered to Influenza.
In 1 case (Eur.) diagnosis Measles altered to Allergic Dermatitis.
In 1 case (Eur.) diagnosis Anterior Poliomyelitis altered to Rheumatic Fever.
In 1 case (Eur.) diagnosis Whooping Cough altered to Bronchitis.
In 1 case (Eur.) diagnosis Pulmonary T.B. altered to Acute Bronchitis.
In 1 case (Eur.) diagnosis Pulmonary T.B. altered to Virus Pneumonia.

OUT-OF-BOROUGH CASES.

In 2 cases (Col.) diagnosis ? Smallpox altered to Vaccinia.
In 2 cases (Nat.) diagnosis ? Smallpox altered to Chicken Pox.
In 1 case (Nat.) diagnosis Meningitis altered to Encephalitis.
In 1 case (Eur.) diagnosis Scarlet Fever altered to Stomatitis.
In 1 case (Nat.) diagnosis Diphtheria altered to Pneumonia.
In 1 case (Nat.) diagnosis Diphtheria altered to Syphilis.
In 5 cases (4 Nat., 1 As.) diagnosis Diphtheria altered to Diphtheria Carrier.
In 1 case (Eur.) diagnosis Diphtheria altered to Undiagnosed.
In 1 case (Nat.) diagnosis Diphtheria altered to Tuberculous Pneumonia.
In 1 case (Nat.) diagnosis Diphtheria altered to N.A.D.
In 9 cases (7 Nat., 2 As.) diagnosis Diphtheria altered to Tonsillitis.
In 1 case (Eur.) diagnosis Diphtheria Carrier altered to Tonsillitis.
In 1 case (Nat.) diagnosis Typhus Fever altered to Typhoid Fever.
In 1 case (Nat.) diagnosis Typhus Fever altered to P.V.O.
In 1 case (Nat.) diagnosis Anterior Poliomyelitis altered to Arthritis.
In 1 case (Nat.) diagnosis Anterior Poliomyelitis altered to Influenza.

INFANT WELFARE.

1. INFANT CLINICS.

	European	Native	Coloured	Asiatic
NEW CASES : Under 1 Year	476	224	91	263
Over 1 Year	34	7	11	7
OTHER ATTENDANCES.				
Under 1 Year	6032	1933	661	2254
Over 1 Year	1236	485	172	656
TOTAL :	7778	2649	935	3180
Number on Register	997	379	198	421
Average Attendance per person	7.8	7.0	4.7	7.6

2. HOME VISITS.

	European	Native	Coloured	Asiatic	Total.
Ante-Natal	12	76	87	177	352
First Visits - (Notified births)	563	212	97	498	1,370
Re-visits - 1 year	652	1,439	345	1,105	3,541
Re-visits - 1 - 6 years	711	859	1,505	2,352	5,427
Infectious Disease (Non-T.B.)	144	28	11	80	263
Protected Infants	8	7	6	2	23
Pediculosis & Scabies Visits	2	0	0	0	2
Confinement Visits	0	235	0	0	235
Infantile Mortality Visits	17	46	10	40	113
Nursing Home Visits	1	0	0	0	1
Other Home Visits (Housing Investigations etc.)	19	0	34	0	53
TOTAL :	2,129	2,902	2,095	4,254	11,380

3. MILK DISTRIBUTED.

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	4,782	4,775	2,005	7,951	19,513
Dried - lbs.	3	23	0	46	72

FOODSTUFFS.

SAMPLES TAKEN AND SUBMITTED FOR ANALYSIS.

1. MILK

(a) Bacteriological Examination.

Samples with less than 30,000 bacteria per c.c.	:	23 (inc. 2 Pasteurised)
" " between 30,000 and 200,000 bacteria per c.c.	:	25
" " more than 200,000 bacteria per c.c.	:	36
TOTAL	:	84 (inc. 2 Pasteurised)

Samples with B. Coli present in 1/100 c.c. or less	:	50
" " " " " 1/10 but not in 1/100 c.c.	:	15
" " " absent " 1/10 c.c. or more	:	19 (inc. 2 Pasteurised)
TOTAL	:	84

(b) Chemical Examination (By Government Analyst).

Samples with Solids-Not-Fat 8.5% and over	:	9
" " " " " over 8% & under 8.5%	:	2
" received sour and could not be tested	:	1
TOTAL	:	12

Samples with Butter Fat 3% and over	:	12
" " " " under 3%	:	0
TOTAL	:	12

(c) Phosphatase Testing of Pasteurised Milk.

Samples sufficiently heat treated	:	2
" not sufficiently heat treated	:	1
TOTAL	:	3

2. ICE CREAM.

Samples of Ice Cream conforming to Standard	:	3
" " " " not " " "	:	0
TOTAL	:	3

3. SAUSAGE.

Samples of Sausage conforming to standard	:	7
" " " not " " "	:	0
TOTAL	:	7

4. MEAT.

Samples of Mince Meat conforming to standard	:	6
" " " " not " " "	:	2
TOTAL	:	8

/5 Cream .....

FOODSTUFFS. Cont'd.

5. CREAM.

Samples of Cream conforming to standard	:	8
" " " not " " "	:	0
TOTAL	:	8

6. WATERS. (Bacteriological examination by Bio-Chemist - City Engineer's Department.

(Results recorded in accordance with method laid down by Ministry of Health, Publication No. 71, 1939)

MUNICIPAL WATER SUPPLY.

Probable No. of Organisms in 100 c.c.	No. of Samples
0	287
1	10
2	3
TOTAL :	300

MUNICIPAL SWIMMING BATHS.

Probable No. of Organisms in 100 c.c.	No. of Samples
0	26

OTHER SWIMMING BATHS.

Probable No. of Organisms in 100 c.c.	No. of Samples.
0	59
2	1
3	1
18	1
TOTAL :	62

OTHER SAMPLES TAKEN.

Probable No. of Organisms in 100 c.c.	No. of Samples.
0	8

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION.

The following foodstuffs were inspected and condemned in the Municipal Market and in Shops within the Borough:-

Apricots	103 trays
Asparagus	7 tins
Apples	6 tins
Anchovies	42 tins
Anchovy Paste	1 jar
Beef (corned)	18 tins
Bengers Food	2 tins
Beetroot	44 tins
Biscuits	2 pkts., ½ lb.
Beans	209 tins, 8 bags, 10 boxes, 48 pockets
Beans, Baked	19 tins
Cabbages	12 pockets
Crawfish	2 tins
Cauliflower	1 bag
Cream	3 tins
Carrots	34 tins
Chocolate Dessert	5 pkts.
Currants	1 box
Cheese	9 jars, 9 pkts.
Cheese & Macaroni	1 tin
Cheese & Spaghetti	1 tin
Cheese Spread	2 jars
Cucumber (pickled)	3 tins
Cornflour	12 pkts.
Corn (sweet)	11 tins
Dessert	1 tin
Eggs	214 5/12 Doz.
Fowls (live)	19
Fowls (dressed)	63
Figs	1 pkt.
Fish Paste	1 jar, 18 tins
Flour	1 bag, 31 pkts.
Fish (fresh)	2,660½ lbs.
Fish (tinned)	33 tins
Fruit Cocktail	2 tins
Fruit (Crystallised)	3 pkts.
Fruit (tinned)	304 tins
Fruit (dried)	3 lbs.
Guinea Fowl	1
Granadilla Squash	2 bots.
Grapes	5 boxes, 68 half-lugs
Grape Fruit	2 tins
Giblets	1 parcel
Grape Nuts	4 pkts.
Guavas	11 tins
Herrings	119 tins
Hams	19
Infant Foods	3 tins
Instant Postum	13 tins
Jam	39 tins, 1 bottle
Kippered Snacks	5 tins
Lard	15 lbs.
Lemons	35 pockets, 1 bag
Muscatels	1 pkt.
Mayonnaise	5 bottles
Medicines	5 bottles, 1 tin, 1 box
Milk, condensed	43 tins
Milk, malted	1 bottle
Mabela Meal	1 pkt.
Mealie Meal	2 bags, 1 pkt.
Mushrooms	1 tin
Muffin Mixture	1 carton
Meat (tinned)	71 tins

/Meat Extract .....

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION. Cont'd.

Meat Extract	1 bottle, 3 jars
Meat Paste	1 tin, 1 jar
Mustard	1 bottle
Marshmallows	7 bottles
Marmalade	2 tins
Ovaltine	2 tins
Onions	8 bottles
Olives	2 bottles
Orange Juice	1 bottle
Oats	2 pkts.
Pears	57 boxes, 12 c/s, 12 tins
Peas	19 tins, 45 pockets
Peaches	46 trays, 1 box
Potatoes	131 pockets
Pie	1 tin
Puddings	4 tins
Pickles	20 bottles
Pea Nut Butter	4 bottles
Pilchards	14 tins
Pancake Mix	1 pkt.
Piecrust	2 pkts.
Pea Flour	1 tin
Plums	25 trays, 4 tins, 12 half-lugs
Pate-de-foi	1 tin
Raisins	2 pkts.
Sprats	49 tins
Sauerkraut	39 tins
Sugar	1 pkt.
Sardines	81 tins
Salmon	13 tins
Snacks	12 tins
Spaghetti	29 tins
Soups	14 tins, 1 pkt.
Sauce	1 bottle
Salad Dressing	1 bottle
Sweet Potatoes	1 bag, 8 pkts.
Syrup	1 tin
Snoek	57 tins
Soy Flour	1 pkt.
Tomatoes	1 box, 3 trays
Tomato Juice	1 tin
Tomato Sauce	3 bottles
Tomato Puree	1 tin
Turnips	36 pockets, 8 tins
Turkeys	23
Unlabelled Packages	36 tins
Vermicelli	1 pkt.
Vanilla	1 bottle
Vegetable Juice	4 tins
Vegetables (mixed)	3 tins
Vienna Sausages	6 tins
Walnuts (pickled)	1 bottle
Wheat	6 pkts., 1 bag
Yeast	96 lbs.
Young Berries	1 tin

A B A T T O I R.

1. ANIMALS SLAUGHTERED :

Cattle	:	10,564
Calves	:	3,385
Sheep	:	908
Pigs	:	6,308
Goats	:	58
TOTAL	:	21,223

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS :

Quarters of Beef	:	16,218
Carcases Mutton	:	12,868
Carcases Pork	:	-
Carcases Veal	:	-
Carcases Goat	:	36

3. INCIDENCE OF CERTAIN DISEASES.

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	10,564	7.16%	93	0.88%
CALVES - "Measles" (Cysticercus Bovis)	3,385	4.66%	47	1.38%
PIGS - "Measles" (Cysticercus Cellulosae)	6,308	1.37%	16	1.10%
CATTLE - Tuberculosis	10,564	0.44%	17	0.16%
CALVES - Tuberculosis	3,385	-	-	-
PIGS - Tuberculosis	6,308	2.23%	16	0.28%

4. SUMMARY OF MEAT CONDEMNED :

	Carcases	Approx. Weight
BEEF	197	92,485 lbs.
BEEF : Portions of Carcases, Organs, etc.	-	118,465 lbs.
VEAL	125	5,515 lbs.
VEAL : Portions of Carcases, Organs, etc.	-	1,200 lbs.
PORK	114	16,825 lb
PORK : Organs, etc.	-	7,135 lbs.
MUTTON	8	240 lbs.
MUTTON : Organs, etc.	-	1,259 lbs.
GOAT	0	-
		243,124 lbs.

ABATTOIR. Cont'd.

MEAT CONDEMNED (Approximate Weight)

Statement of Carcases and Meat found to be affected with disease and unfit for human consumption : 1.7.49 - 30.6.50.

	BOVINES			PIGS			SHEEP AND GOATS.		
	Condemned			Condemned			Condemned		
	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight (lbs.)	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight (lbs.)	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight (lbs.)
Actinomycosis	72	-	2,820	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-
Measles (Veal)	158	47	1,000	-	-	-	-	-	-
" (Beef)	756	93	86,940	87	70	85	-	-	-
Lumpy Skin Disease (Veal)	-	-	-	-	-	-	-	-	-
Lumpy Skin Disease (Beef)	-	-	-	-	-	-	-	-	-
Lymphadenitis	-	-	-	-	-	-	2	2	-
Malignant Tumors	16	16	-	-	-	-	-	-	-
Mammitis	3	3	-	-	-	-	-	-	-
Metritis	-	-	-	-	-	-	-	-	-
Pericarditis	-	-	-	1	1	-	-	-	-
Pneumonia - Veal	6	6	-	-	-	-	-	-	-
" - Beef	1	1	-	1	1	-	-	-	-
Pyaemia - Veal	15	15	-	-	-	-	-	-	-
" - Beef	9	9	-	5	5	-	1	1	-
Sarcocysts	3	3	-	3	3	-	-	-	-
Septicaemia	2	2	-	7	7	-	-	-	-
" -Veal	1	1	-	-	-	-	-	-	-
Tuberculosis	47	17	1,080	141	16	1,700	-	-	-
Nephritis - Veal	1	1	-	-	-	-	-	-	-
" - Beef	1	1	-	-	-	-	-	-	-
Bruising	14	14	5,640	6	6	-	-	-	-
Decomposition	-	-	1,375	-	-	-	4	4	-
Fevered - Veal	2	2	-	-	-	-	-	-	-
" - Beef	3	3	-	5	5	-	-	-	-
Gall Sickness - Veal	-	-	-	-	-	-	-	-	-
" - Beef	-	-	-	-	-	-	-	-	-
Emac & Oedema - Veal	38	38	-	-	-	-	-	-	-
" - Beef	33	33	-	-	-	-	1	1	-
Immaturity - Veal	-	-	-	-	-	-	-	-	-
Jaundice - Veal	15	15	-	-	-	-	-	-	-
" - Beef	-	-	-	-	-	-	-	-	-
Stilesia Hepatica, Fluke, Abscesses, O.Columbianum, etc.	-	-	-	-	-	-	-	-	-
Nodular Worms - Beef	-	-	20,460	-	-	5,350	-	-	1,259
" " - Veal	-	-	200	-	-	-	-	-	-

LICENCE APPLICATIONS.

(1) Applications dealt with under Licences (control) and Municipal Licences Ord. No. 19 of 1942 and the Borough By-Laws.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Applications Received	11	94	7	29	8	16	141	36	13	167	236	27	2	2	2
Applications Approved	7	91	5	27	8	14	128	34	12	159	221	23	1	1	1
Applications Subject to Requirements	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Applications Withdrawn	4	3	2	2	-	2	10	1	1	6	10	3	1	1	1
Applications Refused	-	-	-	-	-	-	3	1	-	2	5	1	-	-	-

Key to Table:-

1. Apothecary.
2. Boarding Houses and Butchers.
3. Cobbler.
4. Depot and Dressmaker.
5. Entertainment.
6. Fresh Produce Dealer.
7. General Dealer and Garages.
8. Hairdresser and Hawker.
9. Laundries and Letting of Flats.
10. Manufacturers and Mineral Water Dealer and Milk Purveyor.
11. Pedlar.
12. Refreshment Room.
13. Speculator.
14. Theatres.
15. Workshops.

(2) Applications dealt with under Urban Areas Act.

Applications Received	42
Applications Returned "Not in Order"	18
Applications Approved Subject to Conditions	8
Applications Approved for Temporary Licence.	16

SANITATION.

Total of Inspections (General) Carried out	11,728
Total of Rodent Inspections	1,549
Total of Notices and Letters served re Contravention of By-Laws	1,997

INSPECTIONS (GENERAL) GIVEN IN DETAIL 1.7.49 to 30.6.50:

1. Public Markets	351
2. Butchers' Shops	123
3. Dealers and General Dealers (Food)	388
4. Dealers and General Dealers (No Food)	72
5. Fish and Poultry Shops	29
6. Food Sampling	64
7. Bakehouses	61
8. Milkshops (Purveyors of Milk)	250
9. Ice Cream (Purveyors and Manufacturers of)	11
10. Tea Shops, Cafes, Restaurants and Eating Houses	232
11. Residential Hotels, Boarding Houses	195
12. Aerated Water Manufacturers	4
13. Other places where food is manufactured	5
14. Hawker's Premises	228
15. Hawker's Carts	66
16. Butchers' Carts and Carriers	2
17. Milk Delivery Carts	1
18. Bakers' Carts	3
19. Ice Cream Carts	3
20. Theatres and Bioscopes	5
21. Common Lodging Houses	62
22. Barracks	248
23. Structural Defects in Premises	870
24. Other House Inspections	479
25. Undrained Premises	78
26. Hairdressers	35
27. Laundries	86
28. Factories and Workshops	81
29. Courts, Lanes and Alleys	12
30. Vacant Ground	160
C/Forward	4,204

SANITATION. Cont'd

B/Forward	4,204
31. Piggeries	25
32. Horse Stables	92
33. Cowkeepers Premises	122
34. Dairy Stables and Dairies	946
35. Hide and Skin Merchant's Premises	84
36. Poultry Keepers	295
37. Infectious Diseases Visits	634
38. Malaria and Mosquito Inspections etc.	691
39. Malaria Permanent Works	177
40. Public Sanitary Conveniences	346
41 Refuse and Refuse Bins	183
42. Refuse Tips	28
43. Septic Tanks, French Drains etc	32
44. Pail Privies	16
45. Pit Privies	8
46. Other Visits	1,143
47. Premises Fumigated for Vermin	2
48. Other Visits in Connection with Fumigation	7
49. Disinfections	3
50. Disinfection of Bedding and Clothing	7
51. Rodent Inspections by Rodent Inspector	1,503
52. Other Rodent Inspections by Health Inspectors	46
	10,594

REPORTS FOR TRANSMISSION TO
OTHER MUNICIPAL DEPARTMENTS.

(1) CITY ENGINEER'S DEPARTMENT.

53. Blocked Sewers etc.	73	
54. Street Drains	68	
55. Defective Water Fittings	84	
56. Other Defects	49	
57. Unauthorised Structures	116	
58. Sites etc. re Plans	828	
59. Water Sampling	458	
		1,676

(2) MUNICIPAL NATIVE ADMINISTRATION DEPARTMENT.

60. Licensing and Other Inspections of Premises under Urban Areas Act	126
C/Forward	12,396

SANITATION. Cont'd

B/Forward	12,396
(3) LICENSING DEPARTMENT.	
61. Inspection of Premises re Licence Applications	537
(4) GENERAL.	
62. Other transportation trips	344
TOTAL :	13,277

PROSECUTIONS : 1949-1950.

Total number of Prosecutions instituted	:	22.

Under Public Health Act	0
Under Public Health By-Laws	6
Under Dairy By-Laws	11
Under V.D. Hospital Regulations ..	3
Under Food, Drugs and Disinfectants Act	2
Under Government Regulations regarding Prevention of Rodent Infestation etc	0
TOTAL :	22

Total number in which accused found guilty and penalty imposed	16
Total number found not guilty, complied with, acquitted or Prosecutor declined to prosecute	6
TOTAL :	22

CONDEMNED PREMISES.

Rooms and Buildings Condemned and/or Demolished.

(a) Under Public Health By-Law No. 19(a) : (Closing Order) :	1
(b) Under Public Health By-Law No. 19(b) : (Demolition Orders):	12
(7 of these premises had been demolished by 30.6.50.)	
(c) Under Slums Act :	0
(d) Voluntary Demolitions :	10
TOTAL :	23